Better Homes and Gardens

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October 1949 · 25c In Canada 35c

Your dollars work overtime in this Five Star home

Now your basement can be a practical hobby room

YOU'VE probably discovered that the space you need for family hobbies is in the basement. But if your basement is as drab and dusty as most, it's robbing you of the real enjoyment hobbies can bring.

Until Armstrong's Asphalt Tile came along, it wasn't practical to have a neat, attractive basement. The floor was a problem. Most flooring materials are unsatisfactory when used over concrete in direct contact with the ground. They're affected by alkaline moisture that comes up through the concrete. But Armstrong's Asphalt Tile is not harmed by this moisture. It can be put right down on concrete without expensive preparation.

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There's almost no limit to the design possibilities with a floor of Armstrong's Asphalt Tile. Since it goes down block by block, any of the handsome plain and marbleized colors can be combined to suit your design ideas. Colors will last for the long life of the floor because they go all the way through each tile. With a clean and colorful floor, your basement can be made as pleasant as any other room in the house.

Even with so many practical advantages and so much beauty, an Armstrong's Asphalt Tile Floor is low in cost. Your Armstrong flooring merchant can prove how inexpensive it is with an estimate on an installation in your own basement. He will also be glad to help you work out a floor design to fit your ideas for a basement room. Whether it's for hobby, laundry, or recreation, your basement needs a practical floor of Armstrong's Asphalt Tile to make it livable.

JUST A DREARY CATCHALL BEFORE, this basement has been made a pleasant room where family hobbies can be enjoyed. Basement rooms such as this are most practical when you can plan them around a durable, easy-to-clean floor of Armstrong's Asphalt Tile. This simple, attractive design combines Ivory Marble with Plain Yellow feature strips. Floor plan and details of furnishings sent free on request.

Free! New Twenty-Four-Page Book— "How to Plan Smart Basement Rooms." Contains many beautiful full-color illustrations, diagram drawings, and decorating ideas for basement rooms. Write to Armstrong Cork Co., Floor Division, 4910 High St., Lancaster, Pa.

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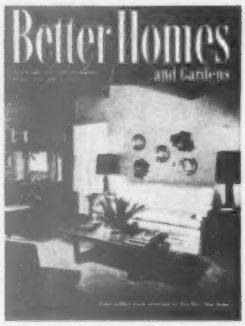

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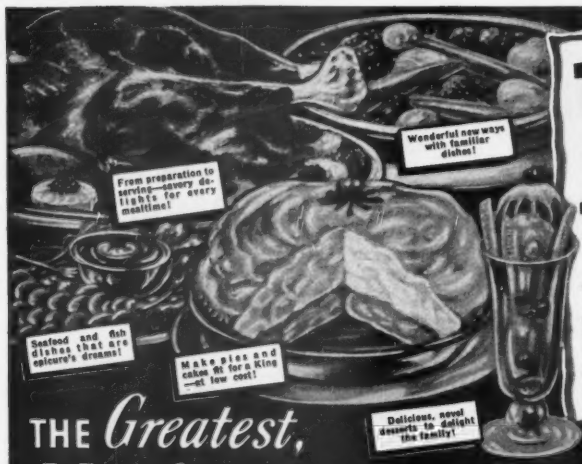

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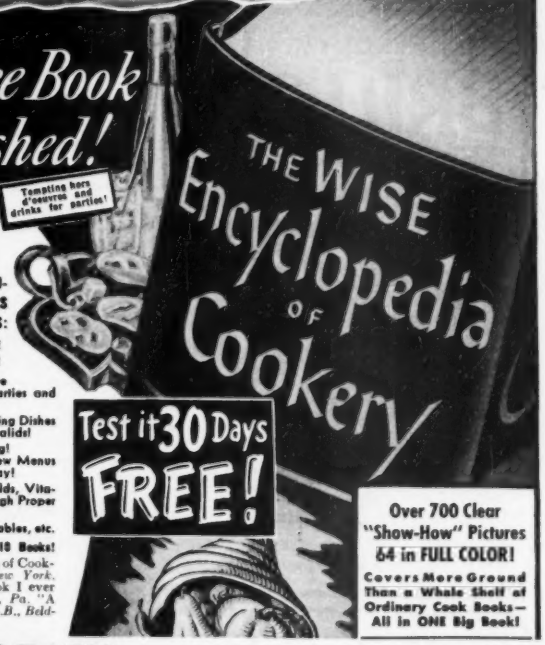

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Combining Ingredients
Originate Your Own Salad
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There's lots of storage in a small dining room

By Dorothy La Marche

Do you need shelves for your best china and crystal, or drawers for your sterling flatware?

The smallest dining room holds space for built-in shelves and drawers, if you'll set about looking for it. Sometimes you can take 15 or 20 inches off one end of the room—and cover the wall with cupboards. In some rooms you can add shelves to a short wall or an empty corner. You may even be able to use a closet near the dining room for extra storage.

Here are five dining-room cabinets that fitted into rooms that had seemed too small for adequate storage. See if you can borrow any of these ideas, and use them in your own home.

Four feet of wall space will hold a china cabinet like this. Metal strip supports make display shelves adjustable. Efficient pull-out serving board below the shelves will speed serving. At top and bottom are enclosed cupboards for more china and glassware

Twelve or 15 inches of floor space along one wall can give you room for a wall-sized china cupboard. Note the systematic arrangement of shelves and trays. Linens and mats belong in sliding trays in the center. At the sides are shelves of varying depths for china and glasses. Below the shelves are narrow sliding trays for platters and flat serving dishes

More on page 9

1,371 big cash prizes to 1,370 people in

The Great Gildersleeve's $50,000 "Name My Song" Contest

sponsored by Parkay-the Margarine that tastes so good!

Grand Prize $5,000

plus 274 weekly prizes every week for 5 weeks

Every week 4 $1000 bills

Every week 20 $100 bills

Every week 50 $20 bills

Every week 200 $10 bills

5 BIG WEEKLY CONTESTS

1st weekly contest starts October 2, ends midnight October 8.

2nd weekly contest starts October 9, ends midnight October 15.

3rd weekly contest starts October 16, ends midnight October 22.

4th weekly contest starts October 23, ends midnight October 29.

5th weekly contest starts October 30, ends midnight November 5.

Weekly first prize winners announced on Gildersleeve program each Wednesday.

Easy to win – Help The Great Gildersleeve name the new song he's written

Here is the first chorus—you add a title:

There's an old familiar strain,
A haunting refrain
That takes me back to days of yore.
I see a chapel on the hill,
Spring's first daffodils
Reflected in the mill pond, from the shore.

I recall in memory
Two names on a tree,
Our first kiss in that old canoe.
And tho' we've drifted far apart,
This song lives in my heart . . .
It's a melody of love and you.

HOW TO WIN $6000!

The Great Gildersleeve, radio's popular crooning bachelor, is in trouble. He has written a song but can't decide on a title. Name the song for him and win up to $6000!

20 prizes of $1000! Yes, four crisp new $1000 bills will be awarded to winners each week for five weeks. And in addition there's a grand prize of $5000 for the best name submitted in all five contests!

So easy! Such fun! Just think of a name for the new song written by The Great Gildersleeve. You don't have to know anything about music to win. Just read the words of the song . . . and write down a title. A name like "The Bachelor's Serenade" or "Melody of Love" may win. These are just sample titles of course. You can think of better ones. Send in as many entries as you like. Buy Parkay today—clip the coupon below—send in a title before you forget. Your dealer has extra entry blanks.

TUNE IN — hear Gildy sing the song Wednesday evenings over "The Great Gildersleeve" radio show. 8:30 E.S.T., NBC. You'll get lots of ideas for winning.

Made by KRAFT

In most states you can buy Parkay Margarine colored yellow, ready to serve. Parkay also comes uncolored in the regular economy package and in the handy Color-Kwik bag. Enclose the red end-flap from any one of the packages with your entry.

Follow these simple rules to win

1. Print or write clearly your suggested title for The Great Gildersleeve's Song. Use coupon below, plain piece of paper or entry blank from your food dealer.

2. Print your name and address on your entry. Include also name and address of the dealer from whom you bought your Parkay Margarine.

3. Send in as many entries as you wish. Write each song title on a separate entry blank. With each entry enclose the red end-flap from any package of Parkay Margarine.

4. Mail entries to Parkay Margarine, Box 5167, Chicago 77, Illinois.

5. There will be five weekly contests. First contest starts October 2, 1949; last contest ends midnight November 5, 1949. All entries must be postmarked before midnight of each closing date. Entries received before midnight October 8 will be judged in the first week's contest. Thereafter, entries will be judged in each week's contest as received. Entries for the final week's contest must be postmarked before midnight November 5 and must be received by November 12, 1949. No entries will be returned, and no correspondence entered into. Not responsible for entries lost in the mail. You accept conditions of these rules when you enter.

6. Grand Prize winner and weekly prize winners will be notified by mail. No one person may win more than 1 prize in each contest, nor more than 1 first prize in all five contests. All weekly winners are eligible for the grand prize of $5,000. Complete lists of winners sent on request to anyone sending a self-addressed stamped envelope.

7. Entries will be judged on originality, uniqueness and aptness of title. Judges' decision is final. Duplicate prizes in case of ties. All entries become property of Kraft Foods Company.

8. Any person living in the continental limits of the United States and in Canada may enter this contest—except employees of the Kraft Foods Company, its advertising agencies and members of their families. Contest subject to Federal and State regulations.

Send Red end-flap with entry →

CLIP COUPON NOW Enclose the red end-flap from any package of Parkay Margarine and mail to Parkay Margarine, Box 5167, Chicago 77, Illinois.

My title for The Great Gildersleeve's Song is:

_____

My own name is _____

My address is _____

City _____ Zone _____ State _____

Dealer's name and address _____

_____

Get additional entry blanks from your dealer or use plain sheet of paper. BH

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. . . these luxury-textured sheets with the wear that only muslin can give

When you hear "muslin," you just naturally think of wear. But that's only half the story when it comes to Pepperell Luxury Muslins. They're exquisitely textured, smooth and beautiful to the touch. Yet fine as these Pepperell Luxury Muslins are, sturdy as they are, they're priced way down to keep your budget happy.

THEY ACTUALLY IMPROVE WITH WEAR! Pepperell Luxury Muslins grow sleeker, smoother with laundering. You can actually *see* and *feel* the difference. No wonder more women buy more muslins than any other kind of sheet! See Pepperell Luxury Muslins at your favorite store today.

PEPPERELL MANUFACTURING COMPANY, BOSTON, MASSACHUSETTS

PEPPERELL *Luxury Muslin* SHEETS

PEPPERELL FABRICS ®

REMEMBER, PEPPERELL IS A PROMISE . . . OF TOP QUALITY IN FOUR FINE GRADES OF MUSLIN AND COMBED PERCALE SHEETS

Dining-room storage space

Begins on page 6

Little-used closet can supplement regular dining storage. Slots for trays and card tables fit next to shelves for big serving pieces. (Card tables are handy for extra dining space or buffet dinners—keep them in or near your dining room.) In the middle are shallow drawers for place mats and table linen. The shelves above are deep enough to hold tall vases and candlesticks

Corner space may be used to add storage to a small dining room. Drawers hold flatware, cupboard holds china and glassware. If you measure the width and depth of shelves carefully, you'll find you can keep an amazing number of dishes in this small space. Plan the size of corner cabinets so you'll have enough walk-around space in the room

A narrower version of the wall-sized cupboard (shown on page 6) will hold a lot of dining equipment, too. These shelves are just wide enough for the waffle iron, grill, and toaster that fit in at the bottom. Shallow shelf above the appliances holds salt and pepper shakers. Drawers below the mirror store silver flatware; cupboards store china

Announcing the New 1950

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THE WORLD'S MOST MODERN VACUUM CLEANER!

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New cleaning power! Dirt can't choke-off suction! Lewyt's exclusive Magic "Energizer" *automatically* vibro-cleans the filter, constantly *renews* cleaning efficiency! It's the cleaner that cleans itself!

New Lock-seal tubes! Flick!...and they're suction-tight! Can't come apart in use!

New No. 80 Carpet Nozzle! Gets *more* embedded dirt . . . Picks up *more* lint, threads, even dog hairs . . . yet with *less* rug wear!

No dust bag to empty! Nothing to shake out! Lewyt's metal Dust Bowl empties like an ash tray!

Hear how quiet it is! You can even clean the nursery without waking baby!

Renews upholstery... suction-sweeps bare floors . . . dusts furniture, venetian blinds . . . sprays paint, waxes linoleum, de-moths closets!

So light, easy to use! Glides effortlessly in any direction! Stores away in dust-tight container!

Costs no more than ordinary cleaners! No extras to buy! Ask your Dealer to demonstrate the Lewyt in your own home! You'll find his name in the yellow pages of your Telephone Directory.

NO DUST BAG TO EMPTY

DO IT with LEWYT

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NEW! LEWYT COMMERCIAL MODEL
No. 90. Designed for hospitals, hotels, other institutions. Extra capacity. All of Lewyt's exclusive features plus many more. Write for details!

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Plastics Division L-10
THE DOW CHEMICAL COMPANY
MIDLAND, MICHIGAN

DOW plastics

More mileage, less cost

Sometimes you have to keep an eye on things yourself if your car is to run and ride its best

By Walter Adams

Just as swabbing merthiolate on a skinned knee is sometimes the difference between healing and blood poisoning, squeezing a radiator hose in your fingers is sometimes the difference between a five-minute repair in the shop and a breakdown miles from nowhere.

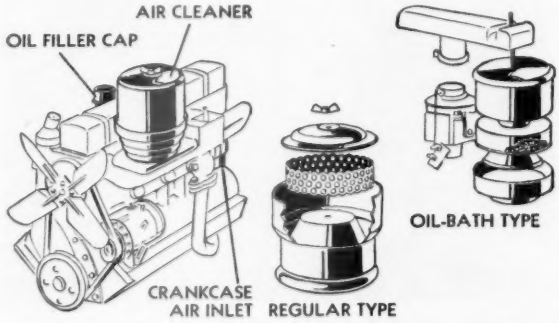
Just as brushing your teeth after meals may make the difference, at 40, between eating with your own teeth and those your dentist makes you, swishing the copper gauze from your engine's air cleaner in kerosene every 5,000 miles may make the difference between 17 and 19 miles to the gallon.

These are little things, but things you've pretty much got to keep an eye on yourself.

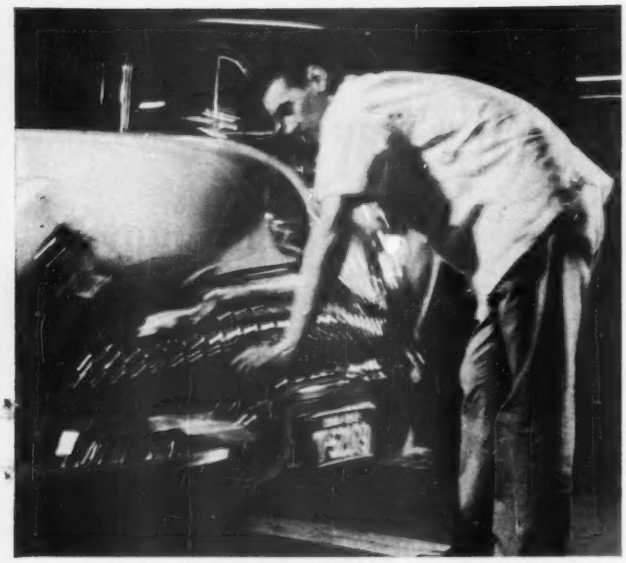
Clean filter gauzes. On top of your motor is an air cleaner—a metal drum about as big around as a gallon jug (illustrated below); and inside it is a filter made of copper gauze. On the side of the crankcase in some cars is a small air inlet into the crankcase. It, too, is filled with copper gauze. In your oil filler cap (the cap over the hole into which you pour motor oil) is more gauze. These gauzes keep dirt out of your motor, ought to be washed every 5,000 miles. A dusty air cleaner will sap your engine of power, cut gasoline mileage, increase engine wear. But many garages don't clean these elements as a part of their service.

You can ask them to, or you can easily do it yourself.

There are two general types of air cleaners—the "regular" kind and the "heavy-duty oil-bath" kind (illustrated below). You won't have any trouble knowing which you have or what to do with it, because instructions are printed on the side. To clean the regular kind, unscrew the wing nuts that hold the cover on, remove the copper gauze element under the cover, and wash the gauze by swishing and swirling it around in a pan of kerosene. Let the kerosene drain off, then dip the gauze into S.A.E. 50 motor oil (a thick, heavy weight) and let the excess drain off before you put the cleaner together again. Don't get oil on the felt pad in the cover.



Air cleaner, oil filler cap, and crankcase air inlet ought to be cleaned every 5,000 miles, or oftener if you drive on dusty roads. To clean latter two, swish them around in kerosene and let them drain on paper. To clean air cleaner, follow the directions in text



Shock-absorber check: does bounce stop instantly, no rebound? See page 241

To clean the heavy-duty oil-bath kind, take it apart (this is no trouble; it falls apart on you if you aren't careful) and wash off the outside with kerosene. Wash the copper-gauze section by swirling and dunking the whole section up and down in kerosene. Pour the old oil out of the bottom element, wash the element in kerosene to remove the fine dirt caked in the bottom, dry it, and refill the oil reservoir up to the oil line stamped on the side. Most cleaners take a pint. Use S.A.E. 50 motor oil for most of the year, S.A.E. 30 for extremely cold weather. Put the cleaner together again.

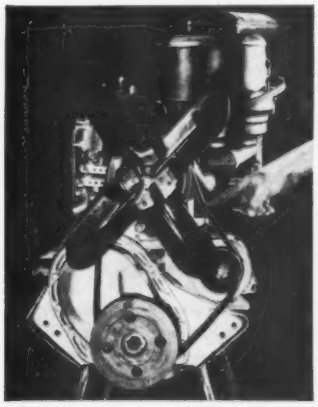
Note that you don't dip the copper gauze from the heavy-duty cleaner into the oil. This cleaner is designed so that it sucks all air across the top of the oil at high speed. This picks up some of the oil as a spray, carries it onto the gauze. There it traps the dirt. More oil subsequently thrown into the gauze then washes the dirt off.

Oil-filter check. If your car has an oil filter in it, check it occasionally to see that it isn't clogged with dirt. To do this, touch your hand, after the car has had a good run, to the side of the filter away from the motor. If it's operating properly, if the oil is filtering through it freely, it'll be really hot. If it's only warm, or if you've used it for 5,000 miles, it's time to replace the cartridge.

To tighten fan belt. Photograph below shows how to know when the fan belt needs adjustment. On most cars, you tighten the belt by sliding the fan up in its mount or by swinging the generator out. Look for a slot that lets the fan or generator be moved. When you've found it, loosen the fan or generator bolts, pull or swing the unit until belt tension feels right, tighten bolts, check tension. It's no trick—but can save you a lot of trouble.

Does your gas get hot enough? You know how a cold motor spits and balks. To speed its warmup, most cars have what's called a "heat-control valve" in the exhaust manifold (see photograph and cut-

[*Turn to page 220*



Push against fan belt every 5,000 miles to check tightness. Push halfway between generator and fan or generator and water pump—a light push. Belt should push in ½ to ¾ inches in three- or four-pulley system, 1 to 1¼ inches on two-pulley system. If looser, it will slip and wear fast; if tighter, it will wear generator and fan bearings more than necessary

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Gentlemen: Without obligating me, please send particulars about an Eagle-Picher Certified Insulation Job. (Please check only one.)

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Note: Additional franchised territories now being assigned to contractors

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YOUR OWN INITIAL on an exclusive pattern

"Signature" Silver Plate

4 teaspoons 75¢ with top from regular size box of Kellogg's Corn-Soya

Marvelous value! This extra-heavy quality "Signature" Silver Plate, with your own initial, is worth at least double this low special price. For easy ordering, you'll find a handy coupon on the back of each Corn-Soya box.

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No other cereal gives you all this

CORN gives flavor and food energy . . . SOYA has more protein than in any cereal! And crispy, delicious Kellogg's Corn-Soya brings you vitamins and minerals, too. One ounce (⅔ cup) of this ready-to-eat cereal, with 4 ounces of milk, actually provides as much protein as one egg and three slices of bacon. Get some at your grocer's today.

What's new in home furnishings

Furniture *Everything new seems to be a double-purpose space-saver! Many pieces have ingenious space for storage, sitting, or sleeping, or serve a double purpose. Low cocktail tables grow up to dining height; night stands have special places for your eye-glasses and the control box of your electric blanket; even that Gay Nineties favorite, the bed that folds into a bookcase, is back with a modern innerspring mattress. . . .* In woods, *cherry is coming back; knotty pine is sliced into veneers which seem like a miracle to anyone who's ever blunted his whittlin' knife on a pine knot. . . . Beautiful Chinese pieces in rich dark woods which look like teak are being shown by several manufacturers.*

Textured floor coverings Dozens of new patterns in wool are being made with surfaces that make you want to get right down on your knees and feel them! Many are under $10 a yard. . . . Also cottons in new textures, shapes, and sizes.

Good news for six-footers *Makers of mattresses and bed rails are supplying units 6" longer than the usual 72 inches. Or if you'd like to keep your present bedstead, for a few dollars you can get "extenders" to lengthen the side rails. But there's no practical way to stretch the old spring and mattress—you'll just have to get new bedding. One caution—measure your bedroom! You'll need floor space about 7 feet long.*

More bed news Mattresses are growing more beautiful; Schiaparelli has designed another ticking. Evidently the ones created last year by this French dressmaker must have been popular; probably homemakers find it easier to make a bed when the tick is pretty. . . . Sofa beds are now available in sectional corner styles. . . . Also news is a modified hospital bed, really only a jointed plywood board to be slipped under any regulation mattress. With the board you can adjust the angle of the mattress to support the knees or shoulders. . . . For bedtime book-worms, there's a bed with a light built right into the headboard.

Laborsaving curtains *All kinds of new materials; some don't need starching, others don't even need ironing. You still have to wash 'em, but that's been reduced to only* minutes! *Should be in stores all over the country by now, so you can see for yourself.*

Fabrics with a hand-woven look Dorothy Liebes' hand-loomed fabrics for draperies and upholstery seem to have started a handicraft renaissance. If you're hankering for something that's *not* like the Joneses' nor any of the other neighbors', go into the best decorating shop in your community and ask about hand-woven material. It'll probably start at about $20 a yard (*and up*), but a few yards to cover a small chair or make a few pillows will give a lift to your room and your soul. . . . And more news for homemakers who want something a little different are the decorator fabrics "in the white" which can be specially dyed to match any sample. Perfect answer when you need an unusual shade. Some are under $10. . . . Even in commercial, machine-woven fabrics, budget priced around $6, there are some with metallic yarns and hand-woven texture.

CHECK THESE FEATURES: They're the reasons why wood is the choice of 8 out of 10 American home builders. And remember, only wood can give you *all* these proved advantages.

PROVED FOR INDIVIDUALITY. Wood can be used to full advantage in every architectural style . . . offers unlimited opportunities to express your own ideas of design, plan, and color schemes.

PROVED FOR BEAUTY. The natural beauty of wood, plus a variety of individual treatments, assures a beautiful home of which you will always be proud.

PROVED FOR LIVEABILITY. The charm of wood and its inherent insulating qualities make a comfortable home you'll enjoy always.

PROVED FOR LONG LIFE. Many of America's homes, built of wood, are as old as the nation and still are in use today. Wood is time-tested.

PROVED FOR ECONOMY. You get more home for your money. A home of wood is easiest and least costly to enlarge or remodel.

PROVED FOR PRACTICABILITY. Wood is the *accepted* material with designers and builders. Their ability to use lumber efficiently and economically, plus its ready availability in stock sizes at retail lumber yards everywhere, means your home of wood can be built easier . . . means you can move in sooner.

PROVED FOR INVESTMENT SECURITY. Homes of wood are the standard of America. They maintain relatively higher resale value and market acceptance.

There is no reason to sacrifice any of the advantages of wood construction. Build now at today's substantially lower costs. Ask your retail lumber dealer to show you the important savings you can make by using the right grades of time-tested West Coast Woods.

SEND FOR FREE BOOKLET!

Illustrated with beautiful, full-color photographs of actual homes, this new booklet shows how you, too, can be sure of getting full value for your building dollar. Full of facts on the qualities to look for in a home. Send for your free copy today . . . "BE SURE WHEN YOU BUILD."

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Long Lasting—Non Staining
ALUMINUM SCREENING

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Now you can have strong screening of Alcoa Alclad Aluminum. Woven by leading manufacturers, this new, better aluminum screening can't stain light surfaces. The low cost will surprise you. Available now at leading hardware and building supply dealers. FREE FOLDER gives facts on aluminum screening, easy rules for replacing old, rusty screen in your present frames. Write for folder "Aluminum Screening". ALUMINUM COMPANY OF AMERICA, 816K Gulf Building, Pittsburgh 19, Pennsylvania.

Can your home pass this SCREEN TEST?

ARE YOUR SCREENS —

✓ Tough, long-lasting? ✓ Non-staining? ✓ Good looking?

✓ Rust and corrosion resistant? ✓ Resistant to fire and sparks?

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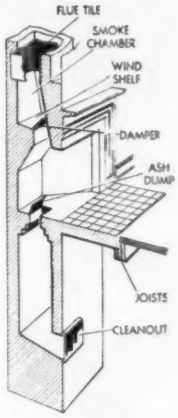
This tag identifies screening made of Alcoa Alclad Aluminum. Available from leading hardware and building supply dealers.

Do you get a

Here's how to clean and repair your fireplace or furnace chimney for more efficient heating

By Gil Travis

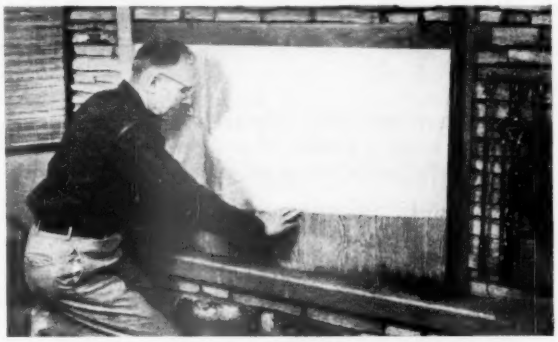


When you light the season's first fire in your fireplace or furnace this fall, will you get a quick, clean blaze?

Chances are you won't, unless you have cleaned the chimney thoroughly. An accumulation of chimney soot can make your fireplace smoke and puff back, and can cut draft to the point where the fuel won't burn at all. Similarly, soot can make your furnace fire burn sluggishly and make your fuel bill mount.

As you clean the chimney, inspect it for flaws or deterioration. You can handle minor repairs yourself; the photographs show you how. Should your search uncover major repair needs, call on an expert mason for help.

Most of the tips illustrated here apply both to furnace and fireplace chimneys—use them to get more heat from less fuel.



Soot in the flue is the main cause of fireplace smoking and poor furnace operation. It can reduce the flue area as much as four or five inches. Before removing soot, block fireplace opening with a discarded sheet, wrung out in water and hung on a frame of wood scraps, as pictured

Sweep soot out of chimney by dragging up and down through it a straw-filled burlap bag, weighted with a rock. A good time to do this is after a rain, when soot is moist. Stubborn soot deposits can be scraped loose with a couple of bricks in a burlap bag, or with a tire chain. As you clean, look chimney over for loose mortar joints and damaged flue tiles

quick, clean blaze?

Wind shelf at bottom of fireplace chimney, just above damper, needs cleaning after soot scraped from flue settles. Use flat sheet metal or cardboard as scraper-scoop. If damper leaf is removable, take it off. Wind shelf catches descending air currents and turns them back up; when shelf is soot-caked, air slides over it, drives smoke into room

Close the damper and check it after you clean the wind shelf. A mirror is handy for this job. Damper should fit tightly on all sides. If it doesn't, heat can escape from the house when the fireplace is not being used. Installing a new damper and repairing an old one are jobs you better leave to an expert

Moisten collected soot in fireplace with spray gun, scoop it into paper bag. (There's a cleanout in a furnace chimney.) Finish cleaning with a vacuum attachment. Burning flashlight batteries and zinc jar lids will prevent the soot from collecting

Clean ashpit thoroughly, if your fireplace has one. It may open into your basement or outdoors, as here, if you have a basementless home. Shovel out accumulated ashes and debris, inspecting the pit with a flashlight to make sure you get it clean. If it's an outside opening, work on a calm day

More on page 222

TWICE as effective...

...Yes, twice as effective*

One million homeowners will tell you your best step to save fuel is JOHNS-MANVILLE "BLOWN" HOME INSULATION

Why let HOLLOW walls and plaster-thin ceilings rob you of precious fuel and comfort? Insulate those *hollow* spaces. Nothing you can do to your home will give you as much comfort as *inexpensively*. Home insulation not only pays for itself but eventually pays yearly dividends from fuel savings.

You save up to 30% on fuel a year when your house is completely insulated with Johns-Manville "Blown" Rock Wool Home Insulation. In addition to fuel savings, you have added fire protection, a warmer home in winter, up to 15° cooler in summer.

Ask your Approved Johns-Manville "Blown" Home Insulation Contractor about *easy monthly payments—FHA approved terms.*

*Government figures, published in U. S. Bureau of Mines pamphlet, show that full, thick wall-and-ceiling insulation saves fuel *twice as effectively* as other treatments used in protecting the average house against heat losses.

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Please send me **FREE** copy of your 24-page book, "Comfort that Pays for Itself."

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JOHNS-MANVILLE JM PRODUCTS

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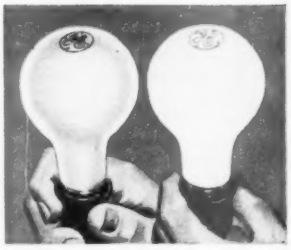
"BLOWN" HOME INSULATION

Don't you like to sleep late, too?

Even if you're *not* always in a lather to get places on time, you'll love a bathroom like this. General Electric fluorescent lamps 1 & 2 beside the mirror throw a flood of light, free of harsh shadows or glare, that makes it easy to whisk off whiskers safely! 20-watt G-E fluorescent lamp (tube only) . . 75¢

Can *you* relax and hurry at the same time? Sure — with a General Electric sunlamp 3 in your bathroom. Bask as you shave under its ultra-violet rays that tan like the sun. A few minutes a day will give most skins a glowing summertan look. Built-in reflector. Fits AC sockets. Only $8.50



No groping in the dark for a light switch (another split-second saved!) with a General Electric glowlamp 4 to guide your hand. In the hall 5 G.E.'s Deluxe-White (above right), *a new kind of lamp bulb,* gives softer, more diffused light. Picture shows comparison with standard bulb. 100-watt . . . . . 20¢

Yes, G-E lamps let you linger in bed by helping you hurry once you get up. And they're ready — in 10,000 shapes and sizes — to brighten your life in countless ways. The world's greatest lamp research organization protects you when you buy G-E lamps. 60-watt size, only . . . . . 12¢

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You can put your confidence in —

GENERAL ELECTRIC

School can wait!

Perfect attendance can be overdone. It isn't half as important as taking care of Johnny's cold or keeping him from passing sickness on to others

By Edith M. Stoney

"Our Jimmy had a perfect attendance record last year," Jimmy's mother smiled affably and went on with her knitting. "He never missed a single day of school!"

There was silence. You could have heard the proverbial pin drop. But if you looked at young Mrs. Williams' strained face you'd have been able to read her thoughts. You'd have known that she was remembering the day her Mary brought a sniffling Jimmy home from school to play. Mrs. Williams often remembers that day because Mary developed pneumonia as a result of the cold she took from Jimmy.

Mrs. Williams' mouth tightened a little now, but she made no response. Then another mother said quietly:

"We were lucky with Betty, too. Only a couple of colds all winter, and those were very mild. But, of course, we kept her at home for the protection of other children."

Yes, Betty was sturdy, but her mother knew that the youngster who caught that little sniffle from Betty might not be as able to throw off a cold . . . might develop an ear or throat infection. Betty's mother knew also that many boys and girls have allergies that complicate even minor respiratory ailments. The slight cold that would scarcely inconvenience one child may keep another gasping for breath through hours of acute asthma.

Then, too, a running nose, a sore throat, or a cough may be just a cold, but they can be the start of a contagious disease. If your youngster were to sit beside Mrs. Smith's sniffling Wilma, he might be exposed to an undiagnosed case of measles, influenza, whooping cough, or any one of several other diseases.

Rheumatic fever—cause of 90 percent of all heart disease in children—may be brought on and aggravated by respiratory infections. The mother who sends her youngster to school with a cold may send *your* boy or girl into life with a permanently damaged heart.

One New York doctor has this to say: "During the first three or four days of an acute cold a child should not be permitted around uninfected children, although he need not be isolated from another child who already has a cold."

Protection against colds, as well as against other contagious diseases, is primarily a matter of avoiding contact with infected people. Repeated experiments show that people in isolated communities don't get colds until the arrival of ships or planes brings about contact with an infected person.

The similarity between cold symptoms and those of other diseases—in their initial stage—has always been confusing. Most parents will keep an obviously sick child at home. They put him to bed when he has fever, nausea, or pain. Those same parents isolate a child whom they know may be coming down with flu or measles. But many parents still regard the common cold as too unimportant to [*Turn to page 107*

A Better Homes & Gardens child care and training feature

there's more to TELEPHONE PLANNING than meets the eye

Of course you'll want to see telephones in your new home. But you won't want to see telephone wires on handsome walls and woodwork. It's very easy to avoid them—if you plan ahead.

Just pick the places where you'll want telephones. Mark them on your plans. While construction is going on, your builder can place a few lengths of pipe or tubing inside the walls leading to each outlet. Then, when telephones are installed, wires are run through these raceways to each instrument.

If you want to know more about this important home feature, call your local Bell Telephone Business Office and ask for "Architects and Builders Service."

BELL TELEPHONE SYSTEM

NOW! **PROOF that brushing teeth right after eating is the safe, effective way to**

HELP STOP TOOTH DECAY

with Colgate Dental Cream

NOW dental science offers *proof* that always using Colgate Dental Cream right after eating helps stop tooth decay before it starts!

Continuous research—hundreds of case histories—makes this the most important news in dental history!

Eminent dental authorities supervised 2 groups of college men and women for over a year. One group always brushed their teeth with Colgate Dental Cream right after eating. The other followed their usual dental care.

The average of the group using Colgate's as directed was a startling reduction in number of cavities—*far less tooth decay!* The other group developed new cavities at a much higher rate.

NO OTHER DENTIFRICE OFFERS PROOF OF THESE RESULTS

Colgate's has been proved to contain all the necessary ingredients, including an exclusive *patented* ingredient, for effective daily dental care. No claim is made that using Colgate's can stop *all* tooth decay, or help cavities already started. But brushing teeth right after eating is the *proved* way to help stop tooth decay with Colgate Dental Cream. The Colgate Dental Cream now at your dealer's is the same formula used in the tests.

Always Use Colgate's* to
Clean Your Breath While You Clean Your Teeth
—and HELP STOP TOOTH DECAY!

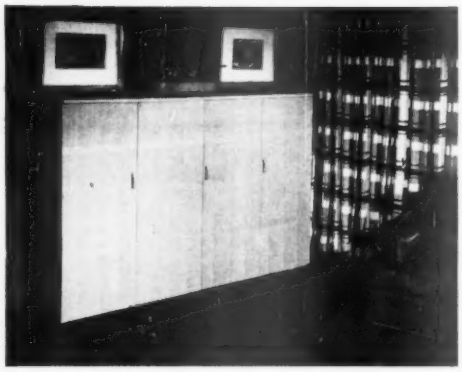
*Right after eating

COLGATE RIBBON DENTAL CREAM

NO CHANGE IN FLAVOR, FOAM OR CLEANSING ACTION!

Good bet for a small home

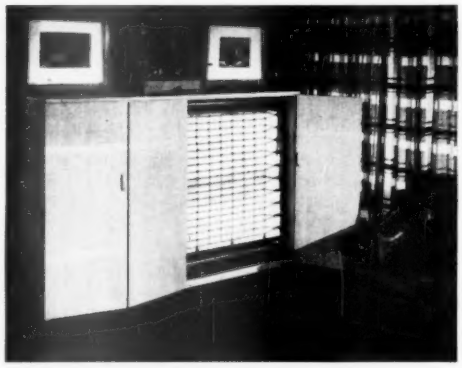
Cabinet bed



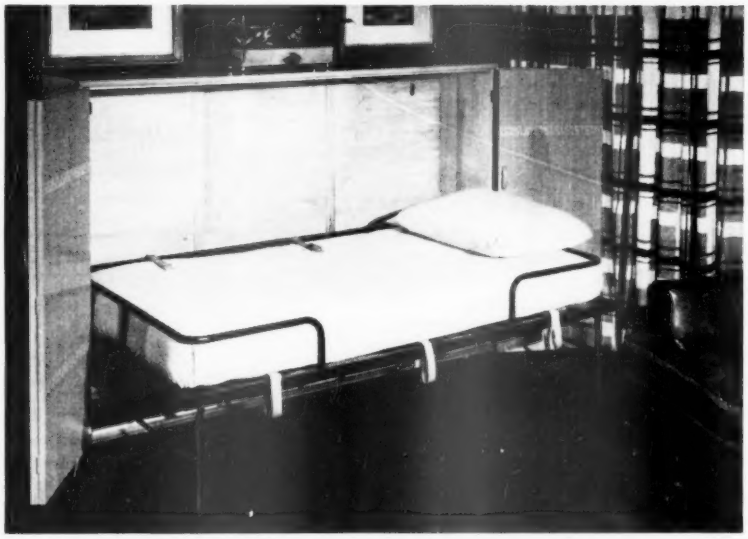
Closed, the cabinet bed looks like a conventional, wall-hugging cupboard. Its design and decoration are simple and adaptable—right for use in many kinds of rooms. The cabinets are finished in natural oak (sand tone), mahogany, or walnut—or lacquered black, white, or green

If you need extra sleeping accommodations for guests or your family, this cabinet bed may be your best bet. Its clean lines will fit into any room—living room, dining room, or den. The cabinet is 78 inches long, but it's only 16 inches deep, so you probably can find many places for it in your home. (Consider using the cabinet as a partition between living and dining areas.)

By day the bed folds into the cabinet; at night the bed pulls down ready for use. You can make the bed completely in the morning—without storing blankets or pillows elsewhere. These pictures show how the cabinet bed works.



At night you can fold back the double-hinged cabinet doors and pull down the bed. The cabinet itself doesn't move. Books, flower arrangements, or bric-a-brac are safe on its top counter. In the morning, you can make up the bed, swing it back inside cabinet, and close doors



Opened, the bed stands firmly in place. Bed springs don't fold in any way. This cabinet bed comes without a mattress so you can pick your favorite. There are two cabinet sizes—one that's 51 1/4 inches high and will hold a single-bed mattress, one that's 61 1/4 inches high and will hold a three-quarter-bed mattress

Where to get it, page 259

• "Swift'ning is grand for frying! It's so digestible, so tasteless, and doesn't smoke up the kitchen!" *Mrs. Horace Collingsworth, Jr., Atlanta, Georgia.*

• "A truly remarkable shortening . . . my Swift'ning quick-mix cakes are the best I've ever made." *Mrs. Joseph Bourck, Providence, R.I.*

• "I always used one particular shortening for cakes and lard for flaky pies. Now it's Swift'ning for both!" *Mrs. Charles Berry, San Francisco, California.*

• "I get better all-round results with Swift'ning than any other shortening." *Mrs. Emily W. Gillette, Yonkers, N. Y.*

Good cooks are switching to Swift'ning*

MARTHA LOGAN'S "HELPING HAND" RECIPE for "HERE'S TO YOU" CAKE

Watch the little hands—they show where mistakes might be made.

Have all ingredients at room temperature. Pre-heat oven at 375°. Line bottoms of two 9-inch layer cake pans with waxed paper.

Ingredients: (Use standard, level measurements)

- ½ cup Swift'ning
- 2½ cups sifted cake flour — *Be sure to sift flour before measuring. Spoon lightly into cup.*
- 4 tsp. double acting baking powder (3½ if tartrate type)
- 1 tsp. salt
- 1½ cups sugar
- 1 cup milk
- 1 tsp. vanilla
- 4 egg whites
- ½ tsp. red food coloring

Step 1: Put Swift'ning in bowl. Sift in flour, baking powder, salt and sugar. Add ¾ c. of the milk, and vanilla. Beat 2 min. on medium speed of electric mixer, or by hand using 150 strokes per min. *Throughout mixing time keep batter scraped from sides and bottom of bowl with rubber scraper.* Scrape bowl and beaters.

Step 2: Add unbeaten egg whites, remaining ½ c. milk, and the food coloring. Beat for 2 min. Scrape bowl and beaters. Pour equal amounts of batter into prepared pans. Bake about 28 min. *When cake is done, it will spring back quickly when pressed with finger.* Cool on cake racks.

Spread 7-minute icing between layers of cake and over top and sides. Insert tiny glass toast cups around top of cake and fill with cranberry or any preferred fruit juice.

WHERE TO BUY *the glasses? Write Swift & Company, Dept. GL, Chicago 9, Ill. If you prefer, decorate the cake with gumdrop "Golden Mums".*

Slice large orange and yellow gumdrops (almost to bottom) to make narrow (shaggy mum) petals. Arrange in alternate colors on cake with narrow leaves cut from green gumdrops.

Digestible!

Nutritious, too!

*Swift'ning is the trade-mark for Swift & Company's Shortening.

No other shortening like it!

Here at last is a *truly all-purpose shortening*—one that gives you perfect quick-mix cakes, extra flaky pies, and delicious digestible fried foods. Swift'ning is marvelously creamy and smooth; extra nutritious; needs no refrigeration. Try it in all your favorite recipes. See how it *out-performs all other shortenings.*

GLAMOUR GIRL...
AND CHORE BOY, TOO!

Smart in any setting ... busy all day long

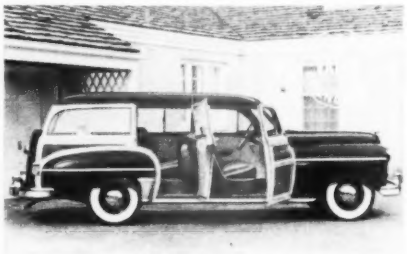
Don't let its sleek beauty fool you . . . this new Dodge Station Wagon is a load-lugging giant.

It seats nine in comfort . . . with leg room, head room, elbow room to spare. Four wide doors provide easy access to all three full-width seats, and its capacity for "out-size" loads makes it a friend of all the family.

At the wheel of this glamour car you'll thrill to the power of the "Get-Away" engine . . . relax with the proved smoothness of all-fluid drive. And, to completely free you from shifting, Gyromatic is available at moderate extra cost.

Yes, in this new Dodge you get twice the return on your investment . . . a real glamour girl that's a chore-boy, too.

TAIL GATE DROPS . . . window swings up for full height loading. Storage space available behind rear seat . . . two rear seats are removable for maximum carrying capacity. Spare tire is protected in locked metal cover on the tail gate out of the way.



TWO DOORS on each side open wide for easy entrance and exit. All seats are full width. Folding seat illustrated makes rear seat easy to reach . . . no need to squirm or crawl.

New Coronet

DODGE

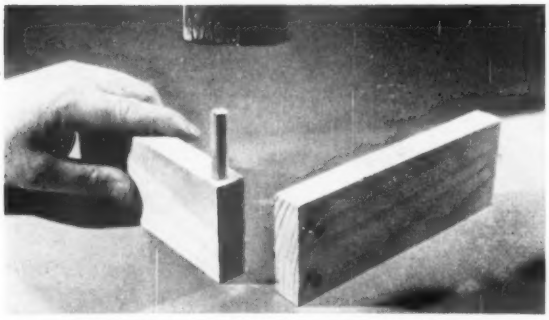
STATION WAGON

How-to for the handy man

Heater lighter Here's a better way to light a circulating-oil heater. Attach a piece of asbestos to a length of stiff wire. Dip asbestos in fuel oil, light it, and use it to light heater. The flame is easily blown out, will not smolder. You avoid an accumulation of burned paper in the fire pot, and you don't get soot on your clothing

Nails that hold. Coated nails have much more holding power than the ordinary kind. You can buy coated nails or coat your own. To do the job yourself, dip nails in a syrupy solution of rosin dissolved in turpentine or mineral spirits. Do not use heat; solution is inflammable. Spread the treated nails in shallow pan or on a newspaper and allow to dry

For stuck caps. A screw cap on a bottle or a can spout can be very stubborn when you try to loosen it. Dry shellac, for example, will hold like iron. The next time you face this problem, tap the cap lightly, then grip it between the jaws of a nutcracker. Usually tight grip and extra leverage will do the trick. Pliers work on small caps



Anchor for screws. Here is a good way to make sure screws will hold when you drive them into the end grain of a piece of wood. Drill a hole near the end grain in question, as pictured, and plug it with a wooden dowel. Coat the dowel with glue before you tap it in. This dowel will serve as a solid anchor that will hold when you drive the screws through it

More on next page

A PRODUCT OF ARMOUR AND COMPANY

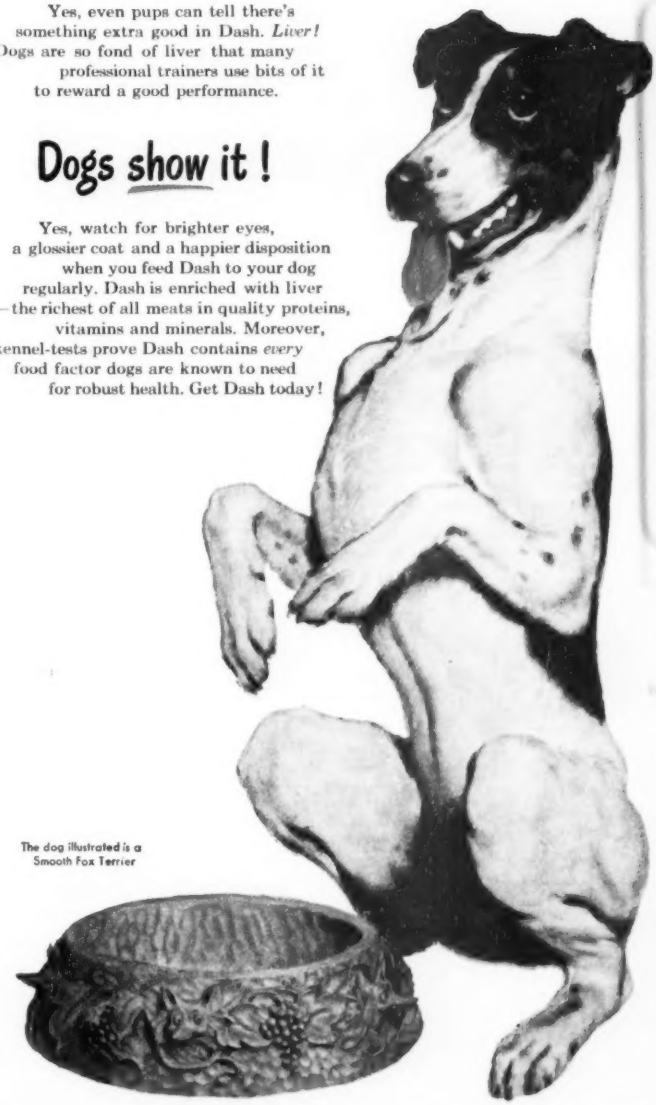
Dash is fortified with LIVER!

Dogs know it!

Yes, even pups can tell there's something extra good in Dash. *Liver!* Dogs are so fond of liver that many professional trainers use bits of it to reward a good performance.

Dogs show it!

Yes, watch for brighter eyes, a glossier coat and a happier disposition when you feed Dash to your dog regularly. Dash is enriched with liver —the richest of all meats in quality proteins, vitamins and minerals. Moreover, kennel-tests prove Dash contains *every* food factor dogs are known to need for robust health. Get Dash today!



The dog illustrated is a Smooth Fox Terrier

Add a happy new note to your parties with this Hospitality Set!

PIN YOUR HOPES on this new "Hospitality"* Set to be a sensation with the "small fry." So new, so different, such fun to see snacks made right on the spot!

Look for the TOASTMASTER *Name on Your Toaster... Others Will!*

$32.50

Set includes toaster, tray, four party plates, and three relish dishes.
Toaster only, $21.50

GET IN THE GAME! Serve smartly, easily—and have time to play—with this new "Hospitality" Set. *Let* unexpected guests drop in—you're *ready!*

WHAT A SERVICE! Handsome, hand-rubbed, walnut-veneer tray. Inlaid with simulated leather. Easy for folks to serve themselves. Frees you for fun.

The New
TOASTMASTER
Hospitality Set

ANOTHER RING will be round that "Toastmaster"* Toaster. It's so easy for small, eager hands to make perfect toast every time!

KEEN WITH TEENS! Those four party plates of Viking crystal glassware keep refreshment handy—no need to miss a note!

*"TOASTMASTER" and "HOSPITALITY" are registered trademarks of McGraw Electric Company, makers of "Toastmaster" Toasters, "Toastmaster" Electric Water Heaters, and other "Toastmaster" Products. Copyright 1949, TOASTMASTER PRODUCTS DIVISION, McGraw Electric Company, Elgin, Ill.

How-to for the handy man

Begins on page 21

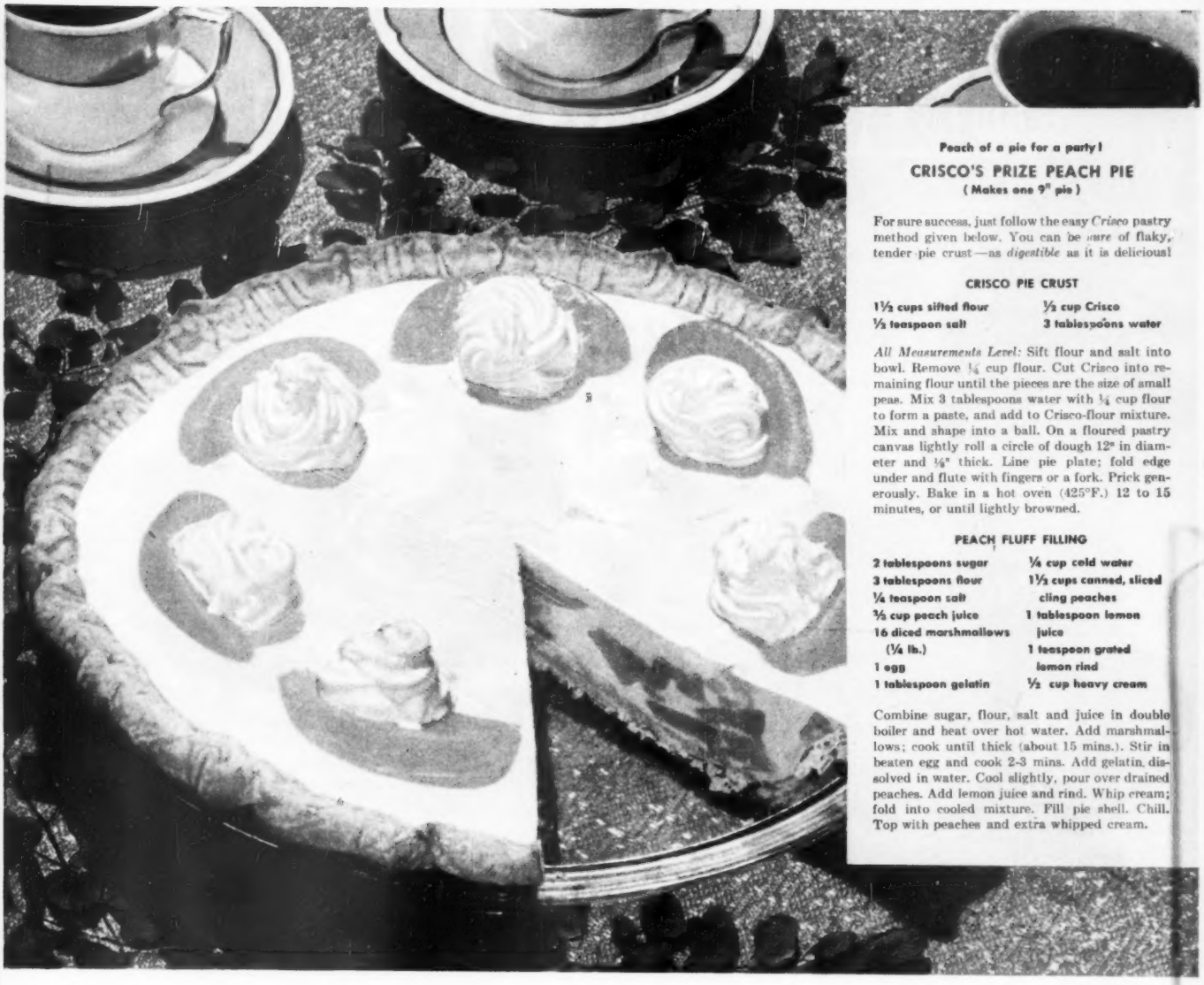
Saw guard. When you aren't using your handsaw, it is a good idea to protect the teeth from damage through contact with other tools. One way to do this is to make a guard by splitting a length of thin rubber hose along one side, slipping it over the saw's teeth. It will guard hands against scratches

Rust prevention. Tools such as your hammer and saw can be protected from rust with a coat of ordinary paste wax. Put the wax on liberally, then let it dry completely before you polish it. One application should last for a year with ordinary use. Wax is cleaner and more durable than oil, doesn't rub off

Sanding a curve. The next time you smooth a curved surface, try using a rubber kitchen sponge as a sandpaper block. The sponge will shape itself to fit the curve, but it is rigid enough to apply a uniform pressure to the surface. For best results, sand with the grain

Enduring marker. Labels that will last indefinitely, even outdoors in winter weather, can be made of aluminum foil. Cut a piece of foil to size, and give it a flat finish by rubbing with fine steel wool. Write label with waterproof India ink. Use waterproof cement to attach label, as to the winter garden marker that is shown in the photograph above

More on page 25



Peach of a pie for a party!

CRISCO'S PRIZE PEACH PIE

(Makes one 9" pie)

For sure success, just follow the easy *Crisco* pastry method given below. You can be *sure* of flaky, tender pie crust—as *digestible* as it is delicious!

CRISCO PIE CRUST

1½ cups sifted flour
½ teaspoon salt
½ cup Crisco
3 tablespoons water

All Measurements Level: Sift flour and salt into bowl. Remove ¼ cup flour. Cut Crisco into remaining flour until the pieces are the size of small peas. Mix 3 tablespoons water with ¼ cup flour to form a paste, and add to Crisco-flour mixture. Mix and shape into a ball. On a floured pastry canvas lightly roll a circle of dough 12" in diameter and ⅛" thick. Line pie plate; fold edge under and flute with fingers or a fork. Prick generously. Bake in a hot oven (425°F.) 12 to 15 minutes, or until lightly browned.

PEACH FLUFF FILLING

2 tablespoons sugar
3 tablespoons flour
¼ teaspoon salt
⅔ cup peach juice
16 diced marshmallows (¼ lb.)
1 egg
1 tablespoon gelatin
¼ cup cold water
1½ cups canned, sliced cling peaches
1 tablespoon lemon juice
1 teaspoon grated lemon rind
½ cup heavy cream

Combine sugar, flour, salt and juice in double boiler and heat over hot water. Add marshmallows; cook until thick (about 15 mins.). Stir in beaten egg and cook 2-3 mins. Add gelatin dissolved in water. Cool slightly, pour over drained peaches. Add lemon juice and rind. Whip cream; fold into cooled mixture. Fill pie shell. Chill. Top with peaches and extra whipped cream.

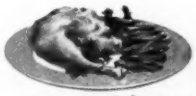
Crisco—The One and Only—discovered this sure way to Perfect Pie Crust!

It's flaky! It's tender! It's made with Crisco!

Make this pretty peach party pie—and it will make you as proud as proud can be! Its tender, flavor-rich crust will make everybody beg for more . . . and *more!* Can you be sure? Absolutely—if you bake it the foolproof Crisco way!

It's so easy! With pure, all-vegetable Crisco and Crisco's sure-fire pastry method even a *beginner* can get delicious, flaky, tender pie crust every single time. *Digestible* pie crust, too! 9 out of 10 *doctors* say Crisco is easy to digest.

Why settle for less? Crisco makes it easy to get rich, tender pie crust—a golden brown triumph—every time you bake! Just use the pastry method given above and on every Crisco label, and discover one wonderful reason why more women cook with Crisco than any other vegetable shortening!



For Cakes and Pies and Tasty Fries—use **Crisco**

IT'S DIGESTIBLE!

Last-Minute Thoughts

...but de luxe ideas!

De Luxe Idea
in delicately flavored
White Cake

No time for frosting? Then bring out this delicately soft loaf cake, dripping with chocolate sauce. Delicious any way you serve it.

De Luxe Idea
in rich-flavored
Chocolate Fudge Cake

No time for fussing? Make wonderful chocolate fudge loaf cake by merely adding milk. Turns out moist and luscious. Simply top it with ice cream.

MILK IS ALL YOU ADD
...no eggs, no flavoring, no extras of any kind required

You can whip them up, serve them up at a moment's notice. Beautiful, velvety-textured white cake or rich chocolate fudge cake . . . in handy quickie loaf. Really elegant cakes . . . high and delicately flavored . . . wonderfully soft and even. And you get the same fine results every time you bake because Pillsbury provides finest ingredients (special cake flour, shortening, eggs, sugar) completely and perfectly blended. No extras needed. You merely add milk. No mix that does not contain all these ingredients in such perfect balance can possibly equal the quality, ease and convenience of these two Pillsbury Mixes.

Pillsbury BEST XXXX Mixes

You and Ann Pillsbury can make a great team

Ann Pillsbury has developed these new cake mixes in *her* kitchen to save you time in *your* kitchen, and give you perfect results every time.

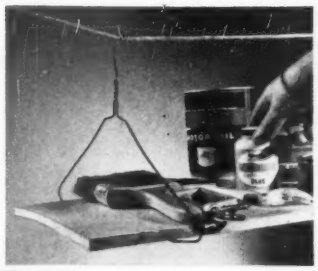
3 Original Rogers Silverplated Teaspoons. Exclusive Lady Ann pattern—only 50¢ and 6 coupon values. Send to Pillsbury, Box 150, Minneapolis, Minn. Write for free premium booklet on Pillsbury Premium Plan. Savings up to 50% on complete silverware service and other valuable articles. Extra-Value coupons with all Pillsbury packages.

2 NEW Pillsbury CAKE MIXES

in the 2 Flavors America Likes Best...WHITE AND CHOCOLATE FUDGE

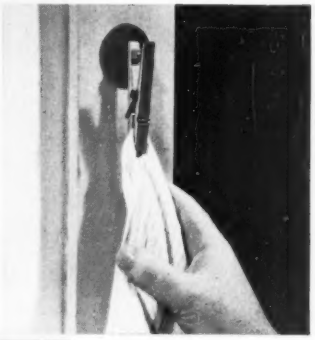
How-to for the handy man

Continued from page 22

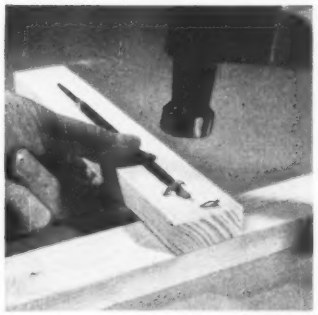


Temporary shelf. A small shelf can be put almost anywhere by supporting the ends of a board with wire coat hangers, which are in turn suspended from rope or clothesline. Bend hanger hooks so they can't slip off. If the load is heavy, tie several knots to keep hangers from sliding along the rope

Tightening hammer head. A hammer head gets loose because the wood handle dries and shrinks. If you rub the top of the handle with a mixture of glycerin and water, moisture will penetrate to restore fit. Additional moisture will be attracted from the air to keep the head on tight indefinitely



Portable rag holder. A convenient, portable holder for rags can be made by bolting a spring clothespin to a rubber suction cup, so the clothespin can be attached to any smooth surface. It will give you a sure-grip holder for paint and cleaning rags used in the workshop, garage polishing cloths



Clinching nails. A clinched nail holds best and looks neatest if the point is driven back in the wood. You can do this quickly if you hammer nail ends over the small end of a triangular file. After points are bent, remove file and drive ends down flush with surface

Neater taping. Often, when you are using friction tape—for repairs to electrical wiring, lamp cords, toy repairs, or what-have-you—the standard width makes too bulky a wrap and is hard to work smoothly around curves or in corners. You'll produce a neater job if you split the tape lengthwise and use only the half-width. It's easy to rip straight along the weave of the tape fabric

Don't cry over spilt milk!

PRECEDENT GROUP—DREXEL FURNITURE COMPANY

You can wash beautiful U. S. Naugahyde upholstery

What would ruin ordinary upholstery means *nothing at all* to Naugahyde! Spills, stains just wash away—even ink or acids. Naugahyde takes family drubbing without a blemish—it won't scuff, split, peel or crack from use—from heat or cold.

Colors are fade-proof from sun or washing. Naugahyde is durable, its beauty is "everlasting!"

YOU CAN HAVE SMART NEW FURNITURE covered with Naugahyde, or have your own furniture re-upholstered. Ask your Decorator, Upholsterer or Department Store. Naugahyde is also available by the yard in drapery departments.

LOOK FOR THIS LABEL

A Rainbow of 61 Colors and handsome finishes

U.S. Naugahyde®

U. S. Naugahyde is *Plastic-coated fabric* for Upholstery and Wall Covering.
U. S. Royalene is *all-plastic* Upholstery.

UNITED STATES RUBBER COMPANY
MISHAWAKA, INDIANA

Versailles—an exciting, unique Gorham* pattern—has been reintroduced by popular demand. Ask your Gorham dealer to show you the exquisite place-settings and the many fascinating serving pieces now available. Or write for a free Versailles* folder, with illustrations, detailed description, and prices. Address The Gorham Company, Dept. BHG-1024, Providence, R. I.*

RYANDL MARKS
COPYRIGHT 1945 BY
THE GORHAM COMPANY

VERSAILLES

Distinctive for its luxurious ornamentation, Gorham "Versailles" was inspired by the elegant decorations in the Palace of Versailles, and is reminiscent of the luxury, grandeur and extravagance of the court of Louis XV.

This opulent and unique design is characterized by a variation of pictorial elements on the six place-setting pieces. It is true baroque, and offers an unusual tonal quality, imparted by the many light-reflecting surfaces. Gorham "Versailles" was designed and fashioned by master craftsmen for those who desire luxurious weight and unusual qualities in fine sterling.

Gorham
STERLING

AMERICA'S LEADING SILVERSMITHS SINCE 1831

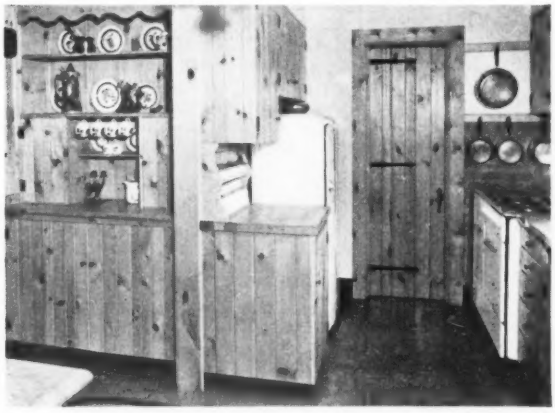
Never say a kitchen is hopeless!

Mr. and Mrs. George Auerbach of Easton, Pennsylvania, started out with an old, unhandy, hopeless kitchen, and ended up with this charming and convenient one. You'll see both below.

Light golden knotty pine sets the theme, with yellow walls, green counter tops and floor, colorful print curtains, and a braided throw rug complementing it.

If your kitchen seems uninteresting or unhandy (or hopeless), see if the ingenious Auerbachs have an idea for you.

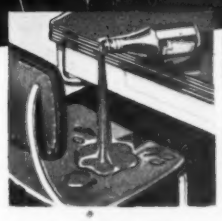
BEFORE Antiquated cabinets, inconveniently located, were the rule in the Auerbachs' old kitchen. Odds and ends of equipment overflowed on counters and shelves, leaving no serving space near dining-room door



AFTER Cabinet (left) replaces cabinet at right in photograph above. Telephone is behind door left of cups. Open shelves display colorful dishes. Handy work area has been created, with refrigerator, range, and sink within arm's reach of one another. Copper-bottomed pans hang over range. Counter next to refrigerator can double as a cutting board

More on page 29

Dinette set courtesy Lincoln Industries Inc.



Happy ending for a meal-time tragedy
Velon keeps its immaculate beauty because food, alcohol spills . . . dirt, grease and grime vanish with a wipe of a damp soapy cloth.

for rooms that say "welcome to wear"

Born to put your feet on!
Smooth, long-wearing *Velon* resists bangs, scuffs, scratches and stains. Ideal upholstery material for hassocks, easy chairs, sofas, upholstered-to-the-floor pieces.

Firestone *Velon upholstery**

Velon opens the door to light, bright, sparkling colors in furniture that gets the hardest wear. It covers dinette chairs so handsome you'll be proud to bring them into the living room—so durable you can leave them out all night in the rain.

Velon fits into any room—traditional as well as modern. Its soft, supple texture is a delight to feel—its rich, authentic grains add interest to furniture. Fine decorators and leading manufacturers feature the Firestone *Velon* label, proudly. You too will find *Velon* never wears out its welcome. Ask to see it at fine furniture and department stores.

©1949 FIRESTONE PLASTICS CO., POTTSTOWN, PA.

Look for this tag on the plastic products you buy

Listen to the Voice of Firestone Monday Evenings over NBC

Your Assurance of first quality material

Guaranteed by Good Housekeeping

*TRADE MARK

Admiral

first in television!

One out of every two Television Combinations sold is an Admiral

It's a fact! More Admiral television combinations have been sold in 1949 than all other makes combined! Here's why . . .

Only Admiral gives you **MAGIC MIRROR TELEVISION** . . . superpowered by new and revolutionary chassis that assures outstanding performance even in outlying areas where ordinary sets fail. Pictures clear as the movies on new wide-vision screen . . . in with a click with single knob station selector. Equipped with inside antenna . . . nothing else to buy.

Only Admiral has the **TRIPLE-PLAY AUTOMATIC PHONOGRAPH.** Plays all records (33⅓, 45, and 78 rpm) . . . all sizes (7, 10 and 12 inch) . . . all automatically. Up to 4 hours of continuous music with one loading. One tone arm plays all records.

Only Admiral gives you **DYNAMAGIC FM-AM RADIO.** Never before so much power in so compact a chassis. Static free "ratio-detector" FM . . . perfected superhet AM radio. See for yourself . . . ask your Admiral dealer for a free home demonstration. Admiral Corporation, Chicago 47.

Model 30F15—Here is Admiral's famous "Three-Foot Home Theatre" . . . now with big 12½" television tube. Yes, a 60% bigger picture . . . at no increase in price. With triple-play phonograph, FM-AM Dynamagic radio in rich hand-rubbed walnut cabinet, **$399.95** (Fed. tax $7.75).

Model 24C15—Admiral's latest, greatest television sensation with big 12½" television tube . . . at a price that's a full $100 under previous model. New full-vision screen! New superpowered chassis! New features throughout! Superbly styled walnut cabinet, **$299.95** (Fed. tax $2.00).

Prices slightly higher south and west . . . subject to change without notice

ON TELEVISION! "STOP THE MUSIC" BY ADMIRAL, ABC NETWORK, THURSDAYS, 8 PM, EST.

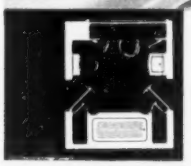
Never say a kitchen is hopeless!

Begins on page 27

BEFORE Sink and range were marooned, with little cabinet or work space around them. Old-fashioned ceiling-high cupboard meant daily climbing on a stool. Small items were easily misplaced in deep drawers

AFTER Corner is an ideal eating nook. Knotty-pine paneling, built-in bench, sturdy table and chairs harmonize with homespun room. Dutch door, at left, with wrought-iron strap hinges, leads to back porch

AFTER Open doors show cabinet convenience. Cabinet doors hold lids and small glasses. Dividers (lower right) store trays, baking equipment



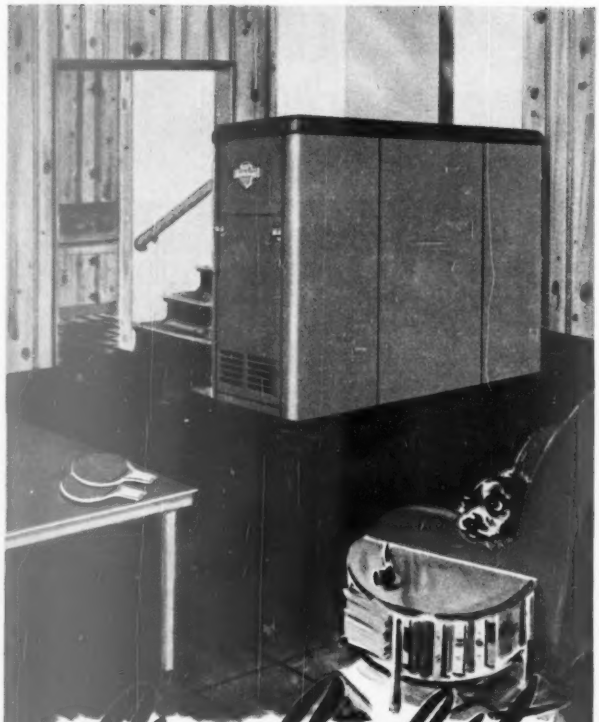
Look for Briggs exclusive Safety Bottom bathtub first—it's another reason why Briggs gives you more for less!

These daisies do tell!

They tell . . . that even the most modest "cottage size" bathroom can be smart when you start with *Briggs Beautyware!* For these lustrous, easy-to-clean plumbing fixtures are both *important-looking* and space-saving . . . expensive-looking yet give you *more for your money* than any other fixtures made. Even give you stainproof porcelain enamel and tarnish-proof chromium-plated fittings without the usual hike in cost. What's more, you can buy Briggs Beautyware in *color* for as little as 10% more than in white. Check on it yourself at any progressive plumbing dealer's. Or if you want more bathroom ideas first—send for this Briggs Beautyware bathroom planning booklet. It's free! Briggs Manufacturing Company, 3007-j Miller Ave., Detroit 11, Mich.

BRIGGS
Beautyware
PLUMBING FIXTURES

COPYRIGHT 1949, BRIGGS MANUFACTURING CO.



Clean Comfort

. . . carefree performance—and the year-after-year economy of traditionally superior heating . . . all are yours with a Waterbury. Under the beautiful casing, you'll find that over forty years of top craftsmanship in heating engineering gives you the ultimate in modern home heating efficiency.

Waterbury
FURNACES AND AIR CONDITIONERS

There's a Waterbury for every size home and for every type of fuel.

Most Waterbury oil-fired units are equipped with the famous SUNDSTRAND burner.

Waterbury uses nationally known MINNEAPOLIS-HONEYWELL controls.

Waterbury

THE WATERMAN WATERBURY CO.
1133 Jackson Street N. E., • Minneapolis 13, Minnesota

Please send me "Seven Steps to Indoor Comfort" and the complete folder of Waterbury units, also the name of my nearest Waterbury dealer.

Name.....

Street or RFD.....

City.....Zone.....State.....

"It's What's Under the Casing that Counts"

A small bay pays big dividends

By Pauline Graves

Outside. The small bay added to this garage pays big dividends in usable space. Owner styled exterior with rustic shutters, used redwood siding to contrast with white boards and battens of garage and house

Inside. Recess of the bay makes it possible to use worktable without removing car from garage. There's room for an eight-foot worktable, a drill press, an electric grinder, and plenty of shelf and tool space

If your house and garage are one unit and you want the garage to look like the house from the street, here's an idea that gives you camouflage and more usable space, too. Like a lot of people, Don Wells of Los Angeles, California, had to back his car out of the garage to get enough room to use his garage workbench. He added a 6x8-foot bay to the garage and got a compact workroom. A curtained and shuttered window and shake roof make the bay look like the rest of the house from the outside.

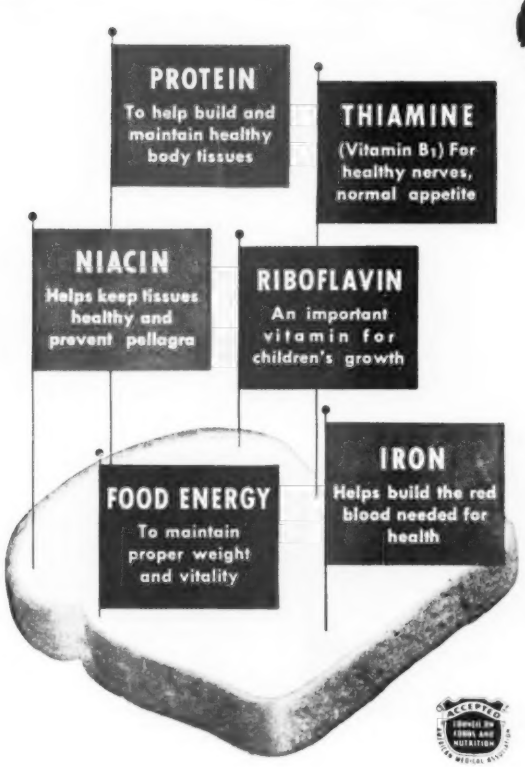
Wells used horizontal redwood siding to contrast with the batten and board construction of the house and garage. If you want such an addition to blend easily with the rest of your garage, use the same materials and paint it the same color as the rest of the structure.

"These flags should open the eyes of every parent"

says MRS. DORA S. LEWIS

Past President, American Home Economics Association, and Chairman of the Department of Home Economics at Hunter College

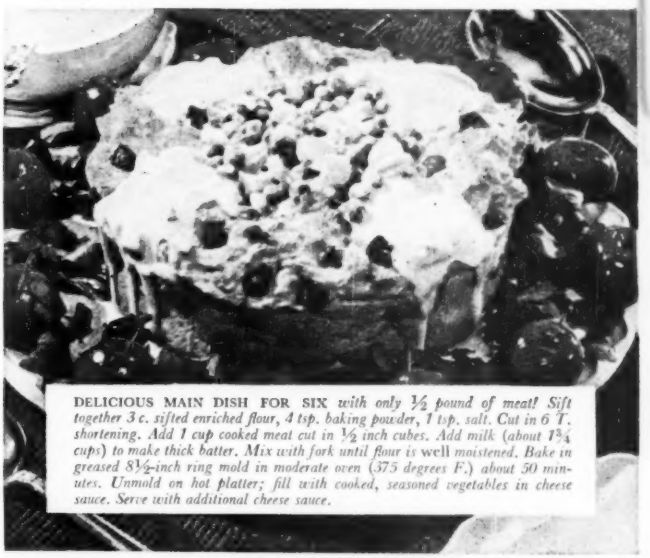
"To get a child to eat foods that are *good for him*, set a good example and eat them yourself. The important nutrients contained in modern *enriched* bread and flour, for instance. Since you get them with such great economy in these foods, not only the family meals but the youngsters' snacks too, can carry their valuable contributions to health and fitness."



6-way nourishment . . . that's the quickest way to sum up what your family gets every time they eat delicious enriched bread and *all* the good things made with enriched flour. Those flags tell you what the six benefits are—essentials we need every day to keep healthy and trim. So whether you bake at home or buy from your baker or grocer, be sure you get plenty of that valuable 6-way nourishment from enriched bread and flour.

WHEAT FLOUR INSTITUTE

The nutritional statements in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.



DELICIOUS MAIN DISH FOR SIX *with only ½ pound of meat! Sift together 3 c. sifted enriched flour, 4 tsp. baking powder, 1 tsp. salt. Cut in 6 T. shortening. Add 1 cup cooked meat cut in ½ inch cubes. Add milk (about 1¾ cups) to make thick batter. Mix with fork until flour is well moistened. Bake in greased 8½-inch ring mold in moderate oven (375 degrees F.) about 50 minutes. Unmold on hot platter; fill with cooked, seasoned vegetables in cheese sauce. Serve with additional cheese sauce.*

Copr. 1949 by Wheat Flour Institute, 309 W. Jackson Blvd., Chicago 6, Ill.

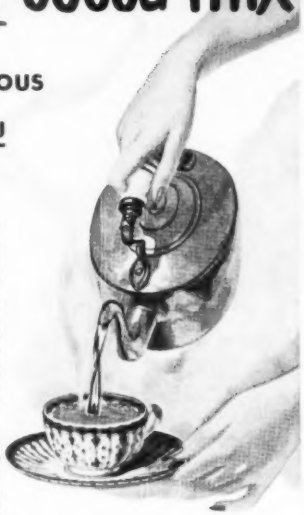
There's 6-way Nourishment in Enriched Bread and Flour

IF YOU'RE DIETING TO LOSE WEIGHT, remember that calories are what you want to cut, not essential vitamins and mineral nutrients. The thiamine, niacin, riboflavin and iron in enriched bread and flour help keep you fit while you're reducing.

Women everywhere acclaim this

new Kraft cocoa mix

MAKES RICH, NUTRITIOUS HOT COCOA WHEN YOU JUST ADD WATER!



It's truly remarkable, this new cocoa mix! Unique in its taste-blend of cocoa *and* chocolate and sugar. And *complete* because Kraft, so famous for dairy foods, puts lots of milk nutrients in it!

With this new *Kraft* Mix and hot water in a cup you have cocoa quick-as-a-wink . . . cocoa that looks and tastes more tempting than kinds you've been making with milk.

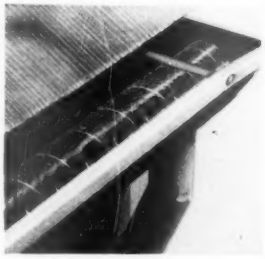
The youngsters will love it. And every delicious cup will help give them muscle-building *milk protein* . . . valuable *milk calcium* . . . *milk phosphorus* . . . and *food energy!*

Get the thrifty new *Kraft* Cocoa Mix and keep the kettle handy — for wholesome, delicious hot cocoa with meals and between meals!

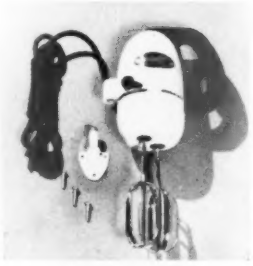
MADE IN THE CUP!
QUICK! EASY!
NO PAN TO WASH!

HELPS SUPPLY FOOD ENERGY, MILK PROTEIN, MILK MINERALS

It's NEWS to Me!



Gutter screen sheds leaves, seeds, and evergreen needles. Flexible tubes of bronze mesh, internally supported by a spiral brass spring, keep trash from lodging but allow water to flow freely. Tubes come in 5-foot lengths and can be lifted out to repaint gutters. *Gutter Screen*, in stores; or 43c per ft. from manufacturer, express collect, for orders of not less than 50 ft. Gutter Screen Mfg. Co., Box 447, Newark, New Jersey.



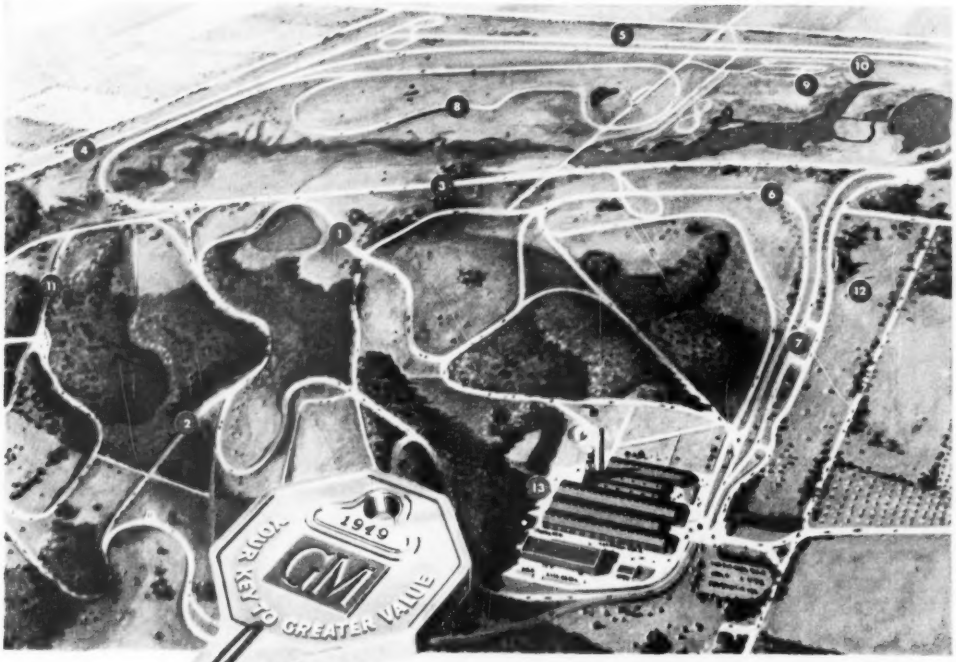
Portable mixer with three speeds and heavy-duty motor hops to its stirring around the kitchen as handily as an old-fashioned egg beater, yet does all the work of a full-duty stationary food mixer. Speeds are "recipe-tested." Hang it out of the way on a special wall bracket when not in use. Plug in to AC or DC. One-year guarantee. *Dormey Portable Mixer*, in stores, $16.95; Denver and west, $17.45. Dormeyer Corp., 4300 N. Kilpatrick, Chicago, Illinois.

Dehumidifier prevents damage from dampness by reducing humidity in any closed space up to 8,000 cubic feet. Checks property loss from mold, rust, corrosion, warping, and sweating. Uses a refrigeration principle for condensation of air moisture. Automatic, electrically operated, portable. Gray-finished steel, rubber base, 33⅝" high, 14" diameter. *Frigidaire Dehumidifier*, $149.75, in stores. Frigidaire Division, General Motors Corp., Dayton, Ohio.

Spatula with tender-grip clamp eases frying food over gently, keeps all the sizzling in the pan. Slotted spatula has two blades: top blade lifts with light pressure on thumb plate; bottom blade slides under the food, holding it in one piece while you turn it over. Stainless-steel *Non-Splash Spatula*, $1.50, in stores or ppd. Buckly Culinary Products, Inc., 315 N. Aberdeen St., Chicago 7, Illinois.

Self-rescue zipper turns on its track and loosens its grip when teeth jam. Escape device is a pivoting pull tab which eases tension and lets you pull free. Turn tab 90 degrees, zipper relaxes and releases; return pull tab to normal position and close the fastener. *Kee Zipper*, in stores, 35c and 40c. Kee Zipper Co., 350 Fifth Ave., New York, New York.

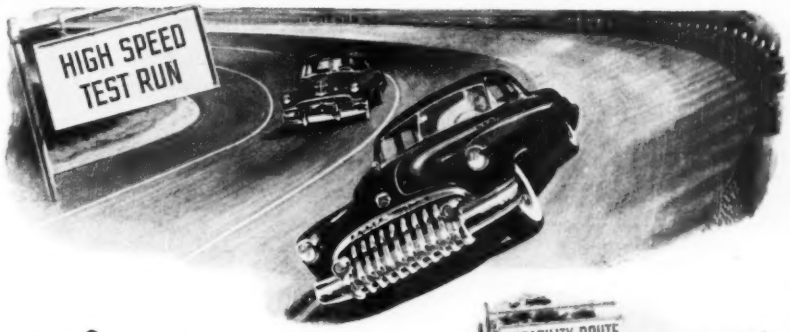
More news on page 35



25 years ago this month, on a stretch of countryside near Milford, Michigan, GM began work on a dozen different kinds of roads carefully copied from those "outside"—and the GM Proving Ground was under way. Since then over 105,000,000 test miles have been driven on this 1,268-acre tract.

1—Durability Route.
2—Belgian Block Road.
3—Speed Loop.
4—North-South Straightaway.
5—East-West Straightaway.
6—7.2% Engineering Test Hill.
7—11.6% Engineering Test Hill.
8—Riding Quality Test Road.
9—Bathtub Test.
10—Mud Road.
11—27% Engineering Test Hill.
12—Weather Observatory.
13—350,000 Sq. Ft. of Engineering Shops—for part-by-part analysis of wear, performance.

Hour after hour, day and night—cars of all makes rip by on the speed loop as part of a 25,000-mile comparison grind, building up a backlog of facts on engine agility, over-all car durability and performance. Later, every inch of each car is analyzed in a part-by-part teardown.



Key to proved satisfaction

Dreams take solid shape as the result of research.

Cars are skilfully designed by engineers, and carefully assembled on the production lines.

But here at General Motors, we do not stop with this. We feel that everything we do needs to be *proved*—on all kinds of roads under all conditions.

That's why GM has run the Proving Ground for 25 years now. Here research, engineering and production are put to the final acid test—here we endlessly search for new facts and as endlessly check the value in current production.

So GM provides the key to motoring satisfaction, born of products proved from the ground up. Ask any dealer who handles GM cars.

How does it climb? On hills with different grades, cars reveal all about nimbleness, power and climbing ability. These grades also provide data on downhill stopping.

Desert run—out at the Phoenix, Arizona, branch of GM's Proving Ground. Here cars and fuels are tested under toughest conditions with heat as enemy No. 1.

THE KEY TO A GENERAL MOTORS CAR

Your key to Greater Value

"MORE AND BETTER THINGS FOR MORE PEOPLE"

GENERAL MOTORS

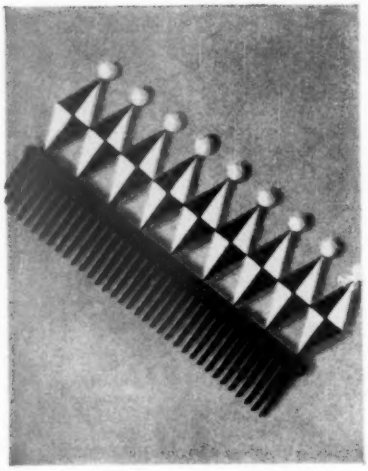
CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC • BODY BY FISHER • GMC TRUCK & COACH

HEAR HENRY J. TAYLOR on the air every Monday evening over the ABC Network, coast to coast.

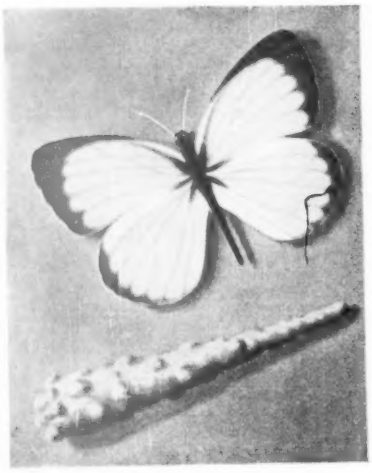
Want to sleep sweeter from startime to dawn?

Your CANNON GIRL says: No heiress floats to sleep in greater luxury than you – on the new Cannon Percale Sheets!

These beauties are smoother, softer than ever before – its like sleeping on your personal CLOUD!



Reason being – now Cannon Percale Sheets are COMBSPUN! Downy cotton is combed till only long sleek fibers remain...



Yet today you actually pay less – and get a snowy dream-sheet that's BUTTERFLY-LIGHT and CAVEMAN-STRONG!

More news: you can also get Combspun Cannon Percales in dreamy pastel WATER COLORS! (Priced a touch more.)

To sleep like a Snow Queen (on white) or Flower Princess (on Water Colors) – be sure to ask for COMBSPUN CANNON PERCALES!

TRADE MARK CANNON

Cannon Percale Sheets – Now They're Combspun

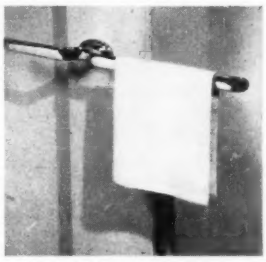
CANNON TOWELS . . . STOCKINGS . . . BLANKETS ★ CANNON MILLS, INC., NEW YORK 13, N. Y.

COPR. 1949 CANNON MILLS, INC.

It's NEWS to me!

Begins on page 32

Loaded camera snaps eight pictures, then goes in the mailbox—camera, lens, exposed film, and all. You get back 3¼"x4½" jumbo prints and the 35 mm. negatives. No need to load or unload film. Picture-taking is easy: adjust view finder, advance film to position, shoot your picture. Seven cents in stamps takes cardboard camera with film back to factory for developing. *Photo-Pac*, complete unit: camera, film, developing, prints, $1.29 in stores. Photo-Pac Camera Mfg. Co., 5403 Greenville Ave., Dallas, Texas.

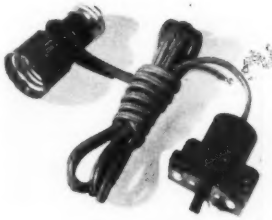


Towel bar spread-eagles bathroom washcloths and towels neatly against the wall, requires but a single center mounting plate to hold bar in position. Fits in corners or odd spaces, is easily put up. Towel slips over ends of curved chrome bar. Washcloth fits on one side; bath or guest towel, on the other. Length, 19". *Chrome Towel Bar*, in stores, $3.30. General Chrome, Bridgman, Michigan.

Pleater nips drapery and slipcover headings into box or pinch pleats, relieving you of the job of pinning, basting, and machine-sewing. You just clamp the two W-shaped metal pieces together with the material between and catch pleats in place with needle and heavy thread. Remove the pleater, tie threads to finish pleats. *Easy Pleat* in stores or $1 ppd. Hide-A-Brush Container Co., Brook, Indiana.

Hot-lunch pail is a traveling cafeteria, serves up a full dinner hot off its own thermostatically controlled electric element. Special containers hold two hot dishes and beverage; cold-food compartment packs fruit, dessert. Plugs into any 110-AC electric outlet. Sportsman's model operates off 6-, 12-, or 30-volt systems. *Electrolunch*, $9.95, available in stores or ppd. Electrolunch Co., Algonac, Michigan.

Frame hangers invisibly cinch a picture to the wall as if it were painted on. Picture hangs straight in spite of jarring or bumping. Two small nails in the wall lock into notches on a pair of clips tacked to the top corners of the frame. *Sta-Strate Picture Hangers* fit all frames, support up to 50 lbs. Clips for two pictures, 25c, in stores. Bannatyne Co., 1653 11th St., Santa Monica, California.



Automatic door switch is as indispensable in dark closets as a light in the refrigerator. This light switch works the same way and can be attached to any door. Open the door, light goes on; shut the door, light stays off. *Dor-Lite* consists of automatic door switch, six-foot cord, and control socket. Brown molded plastic. *Dor-Lite*, $2.45, ppd., mail order only. Dor-Lite Co., 310 S. Christiana, Chicago 24, Illinois.

What You Get

The tenderest, sweetest peas you ever tasted. Not too large. Not too small. Mixed sizes to appeal to every taste.

IN A CAN OF

Green Giant Peas

BRAND

Two pounds of fresh-picked peas in every can.

Bred for flavor, farmed for flavor, "picked and packed at the fleeting moment of perfect flavor."

Plenty of vitamins—minerals, too. And always the same fine tenderness in every can.

If you've served them before, you know how good they are. If you haven't tried them, why not get acquainted now?

Green Giant Brand—America's best-known peas. Enjoy them tonight.

Listen to the Fred Waring Show on NBC every Saturday morning for the Green Giant.

Look for the friendly Green Giant on the label.

New Pack's In!
Now at your grocer's

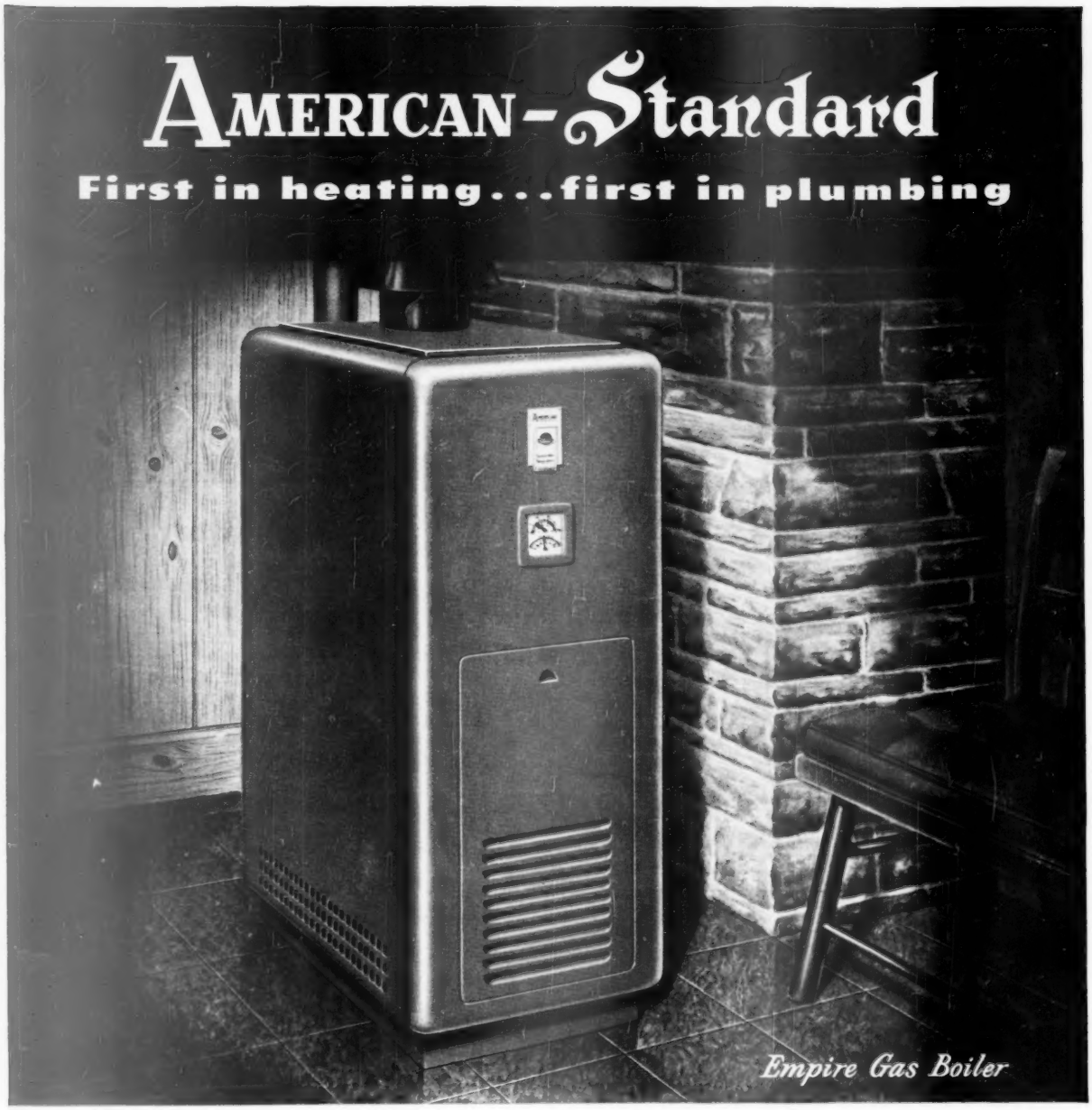
17-Oz. Can

Minnesota Valley Canning Company, headquarters, Le Sueur, Minnesota; Fine Foods of Canada, Ltd., Tecumseh, Ontario. Also packers of Niblets Brand whole kernel corn.

"Green Giant" and "Niblets" Brands Reg. U. S. Pat. Off. © MVCCo.

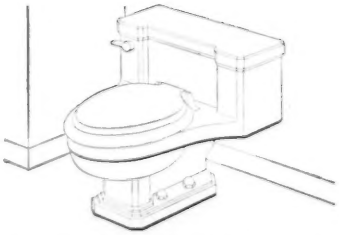
AMERICAN-Standard

First in heating...first in plumbing



Quick cure for winter worries

● The best "medicine" for cold weather worries is home heating equipment by American-Standard. For it gives you spring weather in your home all winter long. It's high in efficiency—low in operating cost. And the American-Standard line includes exactly the heating equipment you need for your particular job. Like the popular American-Standard Plumbing Fixtures, this heating equipment is sold through selected Wholesale Distributors to your Heating and Plumbing Contractor. Easy time payments for remodeling. Write for your copy of our FREE Home Book, a handy guide to quality heating and plumbing for your home. **American Radiator & Standard Sanitary Corporation,** Dept. B910, Pittsburgh 30, Pa.

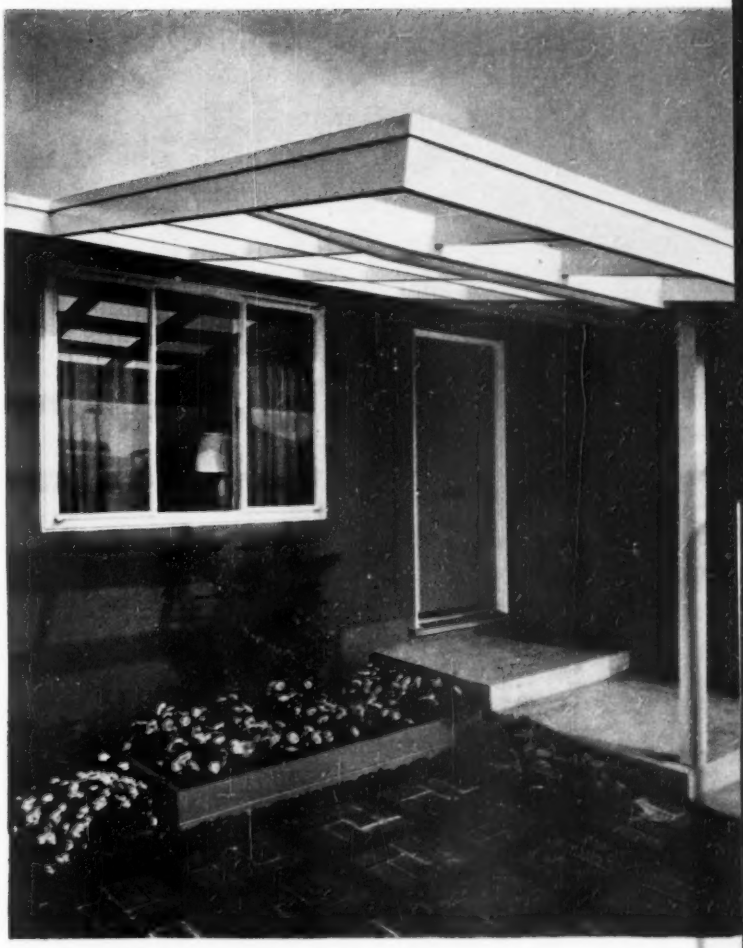


American-Standard Plumbing Fixtures are noted for quality. For bathroom, kitchen or laundry, they're the finest that money can buy. Shown is the Master One-Piece Water Closet.

Look for this AMERICAN-Standard MAKING PLUMBING *Mark of Merit*

Serving home and industry: **AMERICAN-STANDARD • AMERICAN BLOWER • CHURCH SEATS • DETROIT LUBRICATOR • KEWANEE BOILER • ROSS HEATER • TONAWANDA IRON**

This door opens into a dollar-saving home. It is built by Kaiser Homes, a company that is meeting, on the West Coast, the same demand for good, economical houses Levitt & Sons (who built August Better Homes & Gardens Five Star home) are meeting on the East Coast



Every dollar works overtime *in Better Homes & Gardens*

Five Star Home No. 1910

By John Normile, A. I. A.

In California's fertile San Fernando Valley there's a new crop—a crop of small Ranch-type houses that grades A-1 for quality of design, good construction, and low cost. To make available to you the advantages built into these houses, *Better Homes & Gardens* has chosen one of them as Five Star Home No. 1910.

Its fine plan and attractiveness represent the combined experience of two organizations: the Kaiser Homes company, builders of more than 10,000 small homes, and Wurdeman & Becket, top-flight architects in Los Angeles. Their problem was to create a quality house which, through economy of design and production short cuts, could be sold, with lot, for about $8,000. Their success in solving that problem is shown by the photographs and floor plan on the following pages. Furnishings are by Barker Brothers, Los Angeles.

You probably can't duplicate Five Star Home No. 1910 on your lot for that price, because you can't save through mass production. But you can make the dollars you spend work overtime by building this home.

Here's the story of the house, with pictures of its attractive, cost-cutting features →

Every dollar works overtime continued

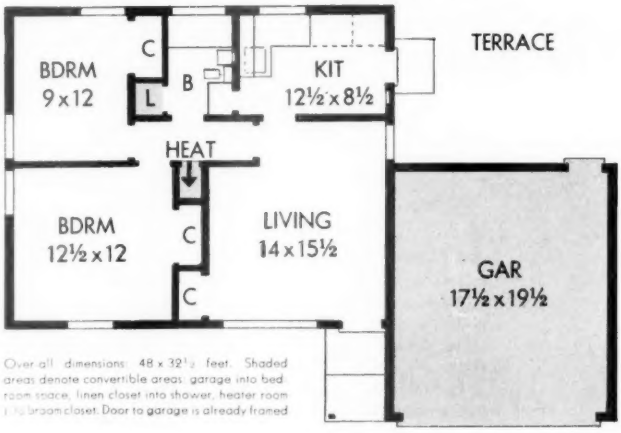
Flexibility gives the home additional economy

One direct result of the aim for economy in Five Star Home No. 1910 is its convertibility.

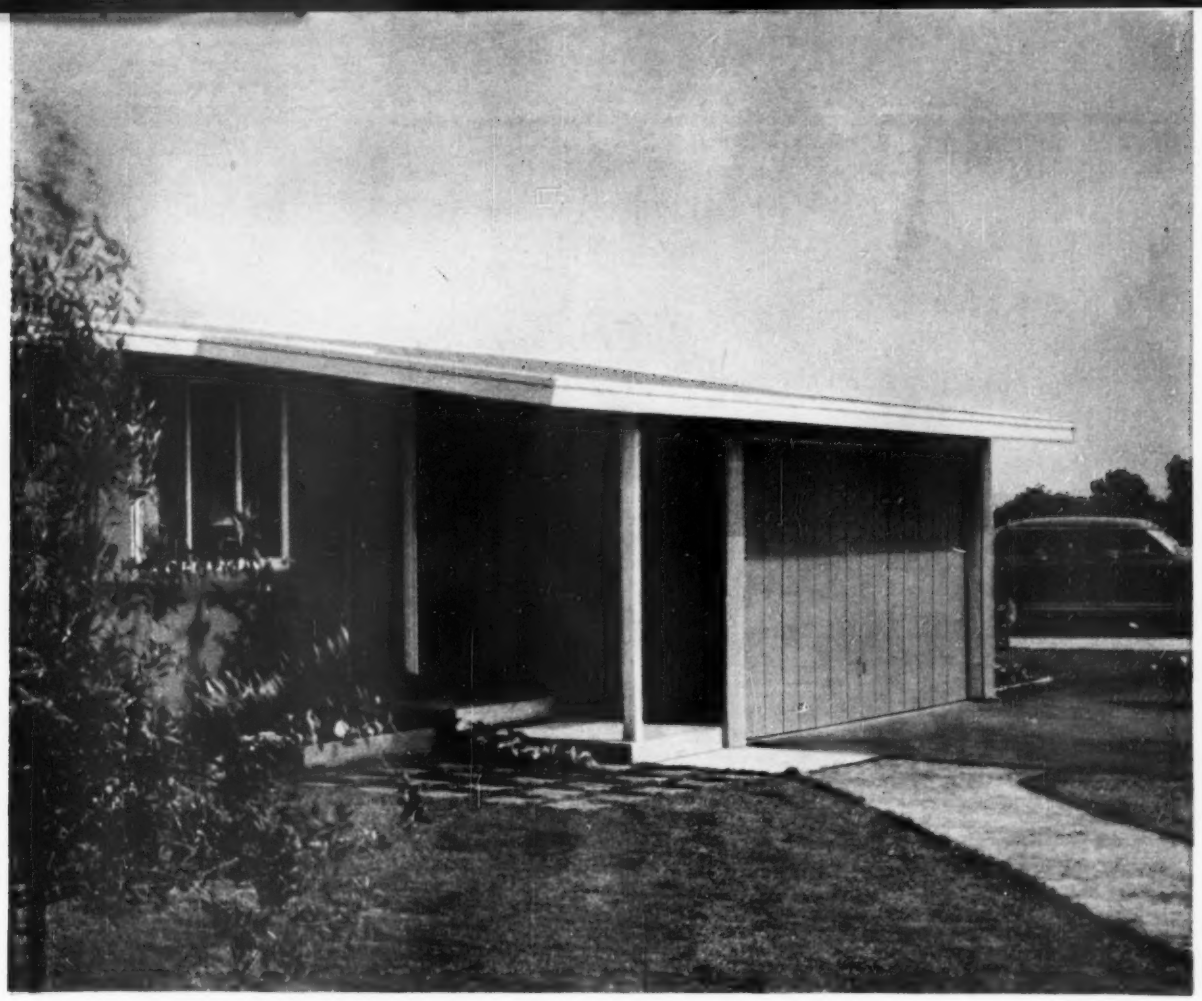
Many of you who want homes now can't afford all you want when you build. That's where convertible features come in. The garage, for instance, covers 360 square feet, will hold a car and lots of paraphernalia. If you need more family space, you convert the garage into two large bedrooms and a second bath, or into one bedroom and a big playroom opening onto the rear terrace. You can still get a driveway past the house to a new garage, even on a 60-foot lot.

Almost every man likes a stall shower. There's room for one in the present linen closet, which is sized to take it. Meanwhile, you can use the shower attachment in the tub.

You can put your heating plant several places. A small unit for warm climates will fit above the hall ceiling. A bigger unit for cold climates can go in the garage. If you finish off the garage, there's room for a stack furnace, big enough to heat the whole house, in a hall closet which in this version of the house is used for broom storage.



Over-all dimensions: 48 x 32½ feet. Shaded areas denote convertible areas: garage into bedroom space, linen closet into shower, heater room into broom closet. Door to garage is already framed.



Long lines of this stucco Ranch-type house are broken by a projecting garage finished in sand-colored fir planks. Low-pitched roof is tar and gravel, could equally well be covered with a standing seam metal roof or rolled roofing. Double garage is planned for expansion into two more bedrooms and a bath without disturbing the looks of the exterior. Except for face of garage, walls are stucco, but could be of some other material like plywood, brick, or faced block

Sloping living-room ceiling has exposed beams and planks that save you cost of plastering and finishing. Walls are turquoise which contrasts coolly with the warmth of natural wood beams. Sill of front window is high so you can fit furniture under it

Dining end of the living room is wood-paneled. Pass-through (also see pictures on pages 41 and 238) cuts through panels into kitchen behind at dining-table height. Back of the plaster in the wall at right is a ready-cut door leading into the future bedroom area. All you have to do is break through the plaster and add a door casing

You can buy complete plans for any Better Homes & Gardens 5 STAR home

More photographs on following pages

Every dollar works overtime continued

Simplicity is economy

In houses simplicity and economy go hand in hand. Five Star Home No. 1910 is designed without frills, to keep costs down. Yet these economies result in the most attractive features of the house.

The wood that acts as roof sheathing, for example, also serves as a ceiling—and a beautiful paneled ceiling it makes. One living-room wall is plywood-paneled for contrast and a saving in plastering cost.

Major savings are in floor space. Kitchen work area lines two walls; a third wall has space for a washing machine and double sink. A hardwood cutting board covers the washer to form an extension of kitchen counter space. An ironing board drops from the wall near the pass-through, so you can iron and talk to your family at the same time. The water heater is recessed above the washer for working efficiency, and is inexpensively screened by open storage shelves.

Another economy note: Five Star Home No. 1910 was furnished with a specially designed line of furnishings that are small in scale and low in price. Total cost of furnishing this house is under $1,500.

More pictures on page 238

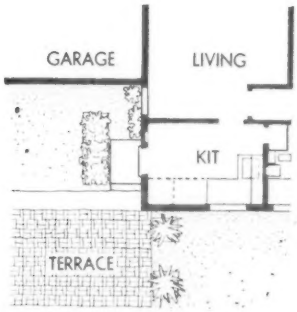
You'll find directions for ordering plans for

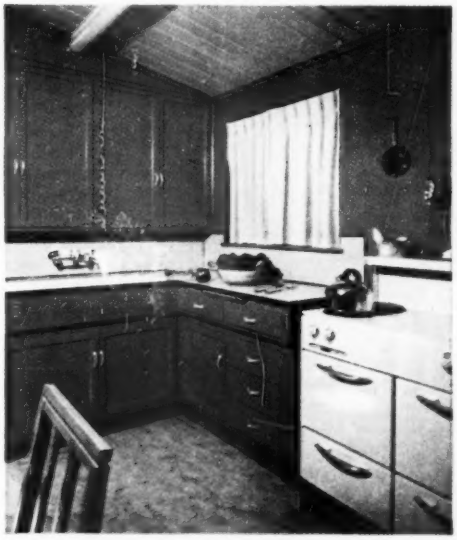
this and other Five Star homes on page 240

Terrace view shows home's simple, attractive lines. Window in offset between house and garage gives you view of terrace from dining table inside. Service door opening from kitchen makes terrace and garden areas easy to reach for outdoor meals or snacks

To complement clean lines of rear bedroom, which doubles as a den, furnishings have uncomplicated patterns. Walls are beige and chocolate to contrast with the natural wood of the ceiling

Simple shelf makes the pass-through a handy place for snack meals. Doors slide shut to cut off view of kitchen from the living room





Windows in kitchen, as in rest of house, have no exterior trim, saving materials and labor. Even highest shelf of the cabinets is easy to reach. The plastic cover diffuses fluorescent ceiling light

Ball-jointed bath fixture swings up as shower head, down to fill tub, is ideal for washing children's hair, and saves one set of faucets

What every husband should know about sterility

By Lawrence Galton

Gentlemen, let's face it. Women aren't the only

Dr. X, a prominent New York surgeon, was 42 when they called him up for active duty with the army. Although he had been married 20 years, he was childless. He and his wife had decided it was "one of those things." Fifteen years before, they had given up hope of ever having children.

Yet one month after the doctor returned from service, his wife was pregnant. The reason could be traced. It was the complete change in living habits enforced by the army—better diet, more sleep—which had made the pregnancy possible. *And had Dr. X only been willing to investigate and act, there could have been children years before.*

Today more than 1 out of every 10 marriages in this country is childless. Yet, even though the remedy isn't always quite as simple as in the case of Dr. X, as many as 40 percent and more of these childless unions could be fertile.

It's not that medical knowledge hasn't advanced, that methods of treatment aren't available. It's simply that too often *the husband isn't available*, that intelligent men—even experts like Dr. X—don't know and won't permit themselves to find out the facts about sterility.

A young woman came to an Eastern sterility clinic a few months ago. She had been married five years, wanted a child, and so did her husband, but there had been no results. When, after thorough examination, doctors agreed that she was capable of becoming a mother and asked her to send in her husband, she broke down:

"I wanted him to come with me to begin with, but he wouldn't. I can't force him to now. Rather than risk breaking up our marriage, I'll go without a family."

It used to be that the woman was always assumed at fault in sterility. We know now that frequently the trouble lies with both husband and wife, and *that often it is the husband's responsibility alone.*

In a recent study by two San Francisco gynecologists of 855 barren marriages, 519 husbands were found to have "lowered fertility." A British gynecologist studied the first 1,000 cases at Oxford's Fertility Clinic and found defective male secretions at fault in 35 percent of them.

It's obvious enough that, along with a good egg, conception requires sperm capable of fertilizing it. What isn't so obvious, however, what misleads many men into an inability to consider that they may be at fault, is the fact that *virility* is not necessarily a measure of *fertility*. A man may easily be a man in the sense of virility; yet, at the same time, he may be producing insufficient sperm or sperm that is defective.

You probably read about T. Royal Ruppert, the $38,000 Hereford bull who ended up last winter as $230 worth of bologna. Ruppert showed interest in the opposite sex, but sired no progeny. Special feeds that had

ones responsible for childless marriages. If we aren't too stubborn to see a doctor, it's often easier, quicker, and less expensive to do something about it when the fault is ours

helped other frustrated bulls didn't help Ruppert. Nor did a delicate operation that lend-leased him the pituitary gland of a fertile bull. Happily, most males are not as hopeless as Ruppert, and human husbands often have other attributes that make them worth preserving even if they can't beget.

In trying to reach and fertilize an egg, the sperm works against huge odds. The process is much like that of establishing a beachhead in a modern war. Wave upon wave of sperm cells, making the attempt to reach the egg, are washed down or otherwise incapacitated. Mortality is unbelievably high—so high, in fact, that in the average normal male ejaculate of 3 cubic centimeters, there are 300 million or more sperm cells. And doctors now generally agree that 60 million sperm cells in a single cubic centimeter of ejaculate is the lower level of normality. If the count is below this, chance of conception is remote.

Moreover, fertility depends not alone upon sperm count but upon other factors, such as ability of the sperm to move around. Sperm cells must be active, fast, able to get to the ovary under their own power. Many things can go wrong to make sperm cells insufficient in quantity or activity. But today, too, much can be done to discover causes of defects, even when they seem amazingly remote, and to remedy them when they seem hopeless.

The testes, for example, may be producing normal sperm cells. Yet an infection in a far-removed part of the body may affect the accessory sex glands and cut down the ability of the sperm to move fast and freely.

The trouble in one young man, for instance, was found to be pus in the secretions of the sex glands. The cause was traced to an attack of acute tonsillitis. He was given a weekly course of massage and, after several months of this, large numbers of shreds were evacuated at each treatment, the pus disappeared, activity of cells improved.

Sometimes, one or both ejaculatory passages may be closed. If one is closed, there won't be enough sperm in the ejaculate. If both are closed, none at all will appear. While this may not interfere with the sex act, it will hinder conception.

And here we come to a common and tragic misunderstanding. After several years of fruitless effort to have children and months of unproductive treatment for his wife, one man finally got up nerve and consulted a doctor. Thoroughly miserable, he explained:

"My wife doesn't know I'm here. I've had gonorrhea. I guess we'll never have children since it probably affected the testes, and I can't produce effective sperm."

"Look here," the doctor explained. "Gonorrhea does not affect the testes. It may produce an inflammation of all reproductive pathways—to a greater or lesser extent. If, in particular, it inflames the narrowest portion of the pathways—from testes to urethra—then it's likely to cause infertility because scar tissue blocks the pathways.

"Often," the doctor went on, "you can tell whether the narrow portion has been affected. If it has, there is usually pain and swelling of the testicles. Even so, an operation may cure the trouble."

In this case, an operation did. But the trouble is that many men who have had gonorrhea hesitate to admit that they may be causing infertility. They are needlessly depriving themselves and their wives of children. Their difficulty may lie with gonorrhea and be curable. Or, even though they did have the disease, the infertility factor may lie elsewhere and also be curable.

There are many possible causes. An illness in which there is fever may lower the sperm count for as long as three months after recovery. X rays may produce permanent sterilization. It's known now that long hours of work under high temperatures may lower sperm count. And there is even some doubt as to the wisdom of our American practice of taking frequent very hot baths.

Too frequent intercourse may be a cause of sterility. Earnestly and even desperately trying to produce a child, one couple made nightly attempts over a long period of time. They had no idea that it takes 48 to 72 hours to replenish the normal supply of sperm and that they were defeating their purpose. According to one authority, the average man has his best chance of causing conception after a five-day abstinence from intercourse.

Nutrition, too, may be a factor. Usually it is not a matter of undernourishment but of proper food selection. There have been cases in which fertility has been increased when the diet was made rich in Vitamin E, via milk, lettuce, spinach, whole-wheat bread.

Another major consideration in lowered male fertility —especially in the American man—may be the weakened constitutional state brought on by fatigue, anxiety, overwork. As Dr. R. S. Hotchkiss, author of the medical textbook *Fertility in Men*, and an outstanding authority in the field, observes with scientific caution:

"Such influences may be reasonably assumed to be not beneficial to general health and testicular tissue just as other body tissue reflects depressed states."

During the war, the Maternity Care Center in New York helped some 10,000 women get medical care under the government's emergency Maternity and Infant Care Plan. It was notable that many of these women declared that after years of fruitless effort, they had become pregnant on their husbands' first furlough.

At one of our larger universities, a professor whose marriage had been childless went to work in Washington for two years during the war. In comparison to his usual university routine of teaching, conferences, research, writing articles and books, the Washington job was far less demanding. After six months, [*Turn to page 124*

How to build Color Schemes

By Christine Holbrook

There's nothing deep, mysterious, or technical about creating and assembling color schemes. Successful color schemes are often based on the colors in a fabric, a wallpaper design, a good painting, or a carpet. Here's why—and it's really no secret at all. The artist who created your favorite painting and the people who design good quality fabrics and wallpaper are color experts. They are masters in the art of combining colors. So if you use a multicolored fabric as the basis of your color scheme, all you have to do is to follow the designer's lead; study the colors he has used, and use them in your room. You'll find that the schemes you'll work out by this method are not only harmonious, but also will have imagination and give you the satisfaction of being your own decorator.

On the following pages you'll find four distinctive color schemes we have worked out with the cooperation of Gimbel Brothers of Milwaukee. You'll find four rooms—a living room, a dining room, a bedroom, and a den. All have color schemes that you can use in any room in your home.

A picture inspires the first scheme. It's a good idea for a living room or dining room if you have a favorite painting with colors you like.

A wallpaper of good design is the basis of the second scheme. Working from a wallpaper is a good method in a hall, a dining room, or a bedroom.

A carpet influences the third color scheme, and it's an idea that's applicable in any room. Remember, though, that if there's a great deal of color in the rug design, you should use plain wall colors and patterned fabrics.

A fabric suggests the fourth color scheme. We'd suggest a patterned fabric gay with color, always definite in design, and one that has colors you will want to live with.

There are many other sources of good color schemes—a collection of china, a bit of old needlepoint, a beautiful lamp base, or vase. No matter what you work from, though, the method of *assembling* your schemes is essentially the same as that used in the four rooms on these pages. Once you have the necessary ingredients, it's as simple as following a recipe.

Color scheme from a picture

A reproduction of a Cezanne painting, ***Village Panorama,*** inspired the one-color scheme of this room. The picture is subdued, tranquil, has brilliant notes of color that were used as accents of the scheme.

Walls and curtains: We used shades of beige, colors that are found in both painting and frame, to allow the picture to dominate the room.

Floor covering: Beige flax-and-cotton carpeting in homespun weave is in keeping with the subject and texture of the picture.

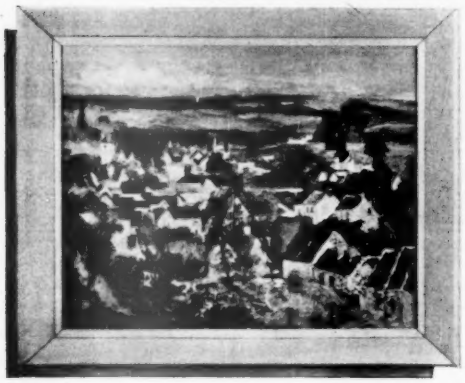
Sofa: A shade of beige deeper than that used on the wall.

Easy chair: Striped material carries picture's color from beige to brown.

Side chairs: Red and white (accents found in the painting).

Pillows: Red and yellow, as accents.

Flowers: The bouquet repeats all the colors found in the painting.



Color scheme from a wallpaper

A yellow wallpaper with touches of slate gray and lacy white is the basis of this dining-room color scheme. (Would you ever have thought of combining such colors? Taking your cues from a wallpaper sparks your imagination.) Here again is an example of those increasingly popular one-color schemes.

Draperies and upholstery: All shades of yellow are repeated in this rough-textured metallic fabric.

Floor covering: Slate gray played strongly balances the room and gives it character.

Blinds: White blinds (they could be glass curtains) accent the white touches in the paper.

Color scheme from a fabric

A bright fabric offers the simplest solution for a color scheme. The draperies in this den have rich, red flowers with shaded green leaves on a deep green background.

Walls: Wood tones (of a wallpaper that gives the effect of pine paneling) make an excellent neutral background for patterned material.

Floor covering: Rose (deepest note found in the draperies) was used to warm the room.

Love seat and chairs: Light and dark shades of green.

Pillows: Red and green of draperies.

Glass curtains, accessories, flowers: White that picks up the whites in the drapery flowers.

Color scheme from a carpet

Colors found in a carpet suggested a sharply contrasting color scheme for a bedroom. This is a step-by-step scheme, interesting because our toile drapery material, with its background tying in the lighter tone of the carpet, offered us bolder, more varied colors from which to carry on our color scheme. We chose the dominant blue for the walls. The light cedar tones of the plaid carpet and the walnut Provincial furniture influenced the choice of the fabric, and in turn the blues and greens of the fabric dictated the cooler colors of the room.

Curtains, bed flounce, slipcover: Patterned toile fabric picks up the lighter shades in the carpet and brings into the scheme cool greens and blues.

Bedspread: Light green found in the toile fabric.

Walls: Blue (from the fabric) makes a striking contrast with the warm carpet and wood tones of the French Provincial furniture.

Lamps: Help carry the contrasting wood tones to the walls.

You can get help in building your color schemes at the Home Planning Centers operated in cooperation with Better Homes & Gardens. You'll find them listed on page 240.

Where to get it, page 259

Remodel your grounds

when you remodel your house

By Ralph Andrist and Art Lee

A home is more than just a house. It includes also the yard and room for outdoor living which most of you are demanding in your homes today.

For that reason, a remodeling job shouldn't stop at the walls of the house. Changes in the house often leave outdoor areas either poorly located in relation to the remodeled house, or else the planting looks weak and out of key with a house which has suddenly become more attractive.

Mr. and Mrs. R. W. Scofield bought a broken-down house in New Canaan, Connecticut. They drew up their plans for making over the house and carried them out successfully. But then the startling change they had made in the house left the grounds looking shabby and demanding changes and improvement.

The Scofields received unexpected help in their landscaping. The American Association of Nurserymen was intrigued by the problem, and agreed to take on the planting work to show what can be done with carefully planned but inexpensive landscaping.

The Scofield home shows what you can do when you remodel a home and yard at the same time. It's a story that illustrates the broad and important principles that should go into every indoor-outdoor remodeling job. The principles are set forth in the photographs and on the plan.

Plan your home to be attractive from the street

BEFORE: The house Scofields bought looked shabby from the street. Nevertheless, the house was structurally sound, and the grounds were roomy and private

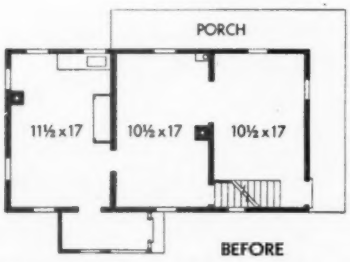
DURING: The street view was kept in mind during remodeling. The alterations have produced a well-proportioned house, but now the grounds look unkempt

AFTER: Although the landscaping isn't elaborate or expensive, it completes the job of making an attractive home. The planting takes the stark look from the house, broadens and ties the house to the ground. The eroded bank at left is now held by a low stone wall. The driveway has been graveled

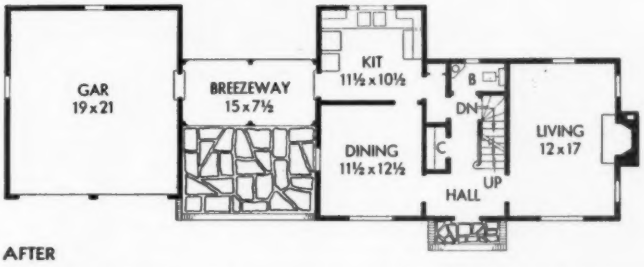
Plan and plant outdoor living areas to give privacy

BEFORE: The house ended in a thicket of underbrush. Broken windows provided plenty of indoor-outdoor living—for squirrels and birds. It took a lot of vision to see any possibilities here

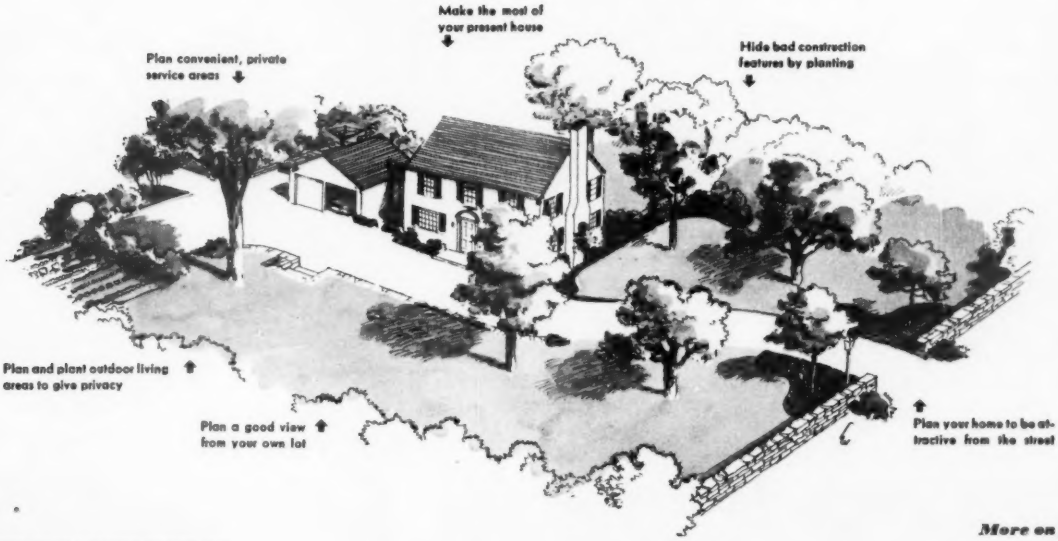
AFTER: The entire house is two stories high, and a garage and connecting breezeway have been added. The breezeway is set back so that it is invisible from the street. The planting is simple but important, since it makes the outdoor living areas seem completely secluded from the street



The original house was small and poorly arranged



Moving entrance to side, adding garage, breezeway, and hall doubled home's efficiency



More on page 266

You can do a lot with tulips

From two-inch midgets to big beauties a yard tall, they come in all the rainbow colors—even green

By Fleeta Brownell Woodroffe

Remember your old "magic set" and the wonderfully colored brews you mixed? And the surprises, and the fun?

Today you'll find there's greater magic in tulips and even more gorgeous and beautiful colors packed away in their sleek brown bulbs. To work this new magic, think of the gayest flower colors and the prettiest combinations you ever yearned for. Then plant tulips to make your dreams come alive.

Tulips require a period of cold while they're dormant and resting between shows. That means you plant soon, before freezing weather, then get your great display in the spring—weeks of color if you know your tulips and plant early and late ones, and a lot of middle-betweens.

Where do you want tulips in April? In May? Decide that—and I can tell you what to plant.

Your big opportunity to surprise yourself, your family, and your neighbors with the earliest tulips in the neighborhood rests in those listed as species tulips.

Even in this group there are earlier- and later-blooming kinds. So mind the E's, M's (midseason) and L's you find in most of your bulb catalogs right after the variety names.

After the species tulips get well started at blooming, come the Single Earlies and Early Doubles which are much better known. Then, in a rush of colors both delicate and rich, come those classed as Darwin, Lily-flowered, Cottage, Breeder, Late Double, and Parrot. These names refer to flower forms as well as colors, and border lines between the classes are often indefinite.

Settings are important. Where you plant your tulips, and with what, is as important as which you plant and the quality of the bulbs. A good succession of gay tulip colors—six weeks or more—runs like this:

Species tulips. The Waterlily tulips, *Tulipa kaufmanniana*, are dwarfs but the earliest of all to flower. They look both fit and pert snuggled in the lee of a rocky outcrop or close to low junipers or pines. The basic color is like good Jersey cream, but the outer petals are striped and splashed with red. The blooms open flat in the noonday sun to the great delight of winter-weary bees. Bright blue Siberian Scillas make fine neighbors, as do emerald mats of small Goldmoss, *Sedum acre*. Or plant these bulbs where their flowers will raise their brief inches from behind a healthy spread of lilac-tinted moss phlox.

Fusilier, a selected variety of *T. praestans* (at bottom of picture), grows from 6 to 10 inches tall with several pointed flowers to each stem. *T. fosteriana Princeps* (pictured) and Red Emperor are magnificently scarlet and truly huge. These blaze away whether you plant them among rocks or close to a peony clump toward the front of a mixed border.

Single Earlies. These are the tulips most often used for formal beds. The variety Keiserskroon stretches to 15 inches, is a bright red edged with clear yellow. Rising Sun—a fine golden yellow, General De Wet—soft orange with a stippled effect, and Pink Beauty—brilliant cherry-rose with white stripes, are some of the best. Surround with forget-me-nots and pansies that complement them—palest-yellow pansies with De Wet, light blues with Pink Beauty and carmine-red Prosperine.

Double Earlies. These look like small peonies set down on short straight stems. Mr. Van der Hoef is a bright clean yellow, Vuurbaak and Scarlet Carnival excellent reds, Electra—deep rosy-violet. The reds and yellows make nice masses of color below Garland spirea. Rosy-pink Peach-blossom is never prettier than when set below Pink Double flowering plum in a mass of blue violets. [*Turn to page 252*

Did you know that . . .

- ▶ **You can grow tulips under deciduous trees where it's too shady for bloom later—**
- ▶ **Tulips must be planted in the late fall or in early winter—**
- ▶ **Plant food should be applied above the bulbs but not where it can touch them and be well watered in—**
- ▶ **Tulips do best in a loose, well-drained soil—**
- ▶ **You can increase your plantings by lifting and dividing original bulbs when out of bloom—**
- ▶ **If you water them early when buds are rising, you'll get larger blooms and taller stems?**

See page 252, How to plant tulips

Perfectly twinned love seats, end tables, and lamps are your invitation to a restful evening. Turn love seats at right angles to the fireplace—so they face one another and make conversation easy. Coffee table is handy for resting magazines. Notice that the white molding against green bricks defines the mantel

Matching lounge chairs at the fireside: Here's a comfortable arrangement sized to fit the small—or narrow—living room. Ottoman at far left can be drawn over to one of the chairs if Dad wants to stretch his legs. See how three oversized flower prints centered above the mantel tie bookshelves and fireplace together

Easy chairs and a large sofa (extreme right) offer lots of seating space when you gather the clan together. (Chairs do double duty as a partition between the living and dining areas.) Remember the end tables and coffee tables that will hold your flowers and books. Greenery and bric-a-brac bring color to a white fireplace wall

Rooms that say—"Come in and relax"

By Gerry Stoner

Chairs drawn close together invite you into these rooms. The chairs spell comfort. Tables, lamps, and footstools are handy, too. That's because the rooms were arranged for livability.

You can bring this same comfort and ease to your living room by grouping furniture close to a natural center of interest. In your home that interest center might be a picture window or a lovely old sofa—most likely it's a fireplace just as it was in these rooms.

Plan a friendly circle near the fireplace or window . . . a spot to relax and talk. End tables next to the chairs and a big coffee table in the heart of the circle make the evenings more pleasant. Include reading lamps so you can browse through the daily papers comfortably.

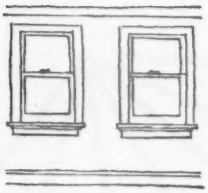
Balance your furniture grouping for extra restfulness. Try formal balance with matching chairs or love seats at either side of your fireplace or window. Or try informal balance with a pair of chairs that don't match exactly, or with a sofa and one or two big lounge chairs.

Now see how the arrangement of furniture makes these rooms more comfortable, relaxing, inviting. Remember, you can do it in your own home, too.

←

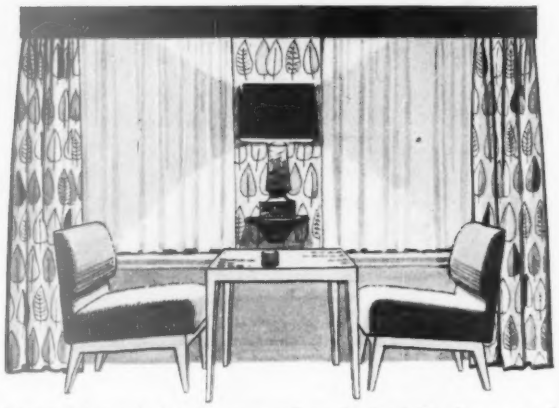
Sofa and wing chair seat four close to the fireplace. Side chair (left) can be pulled into the circle when it's needed, but it also commutes to the table desk at the window. Notice that the wide wing chair plus an end table balances the width of the sofa

Twin windows seven ways

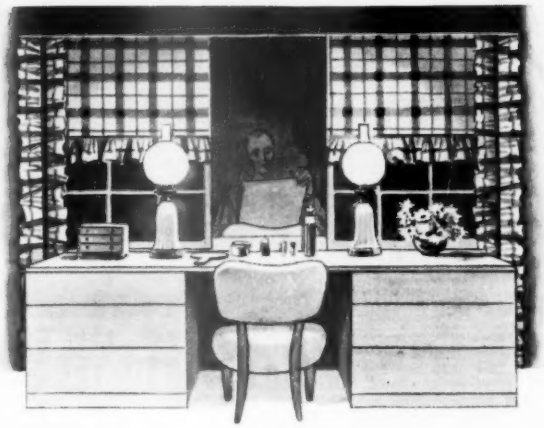


Solutions for your window problems. This is the first in a series of articles meant to help you curtain your problem windows. We'll show you how to handle fireplace windows, dormer windows, bay windows, sun-porch windows, window strips, and French doors in future issues.—*Christine Holbrook*

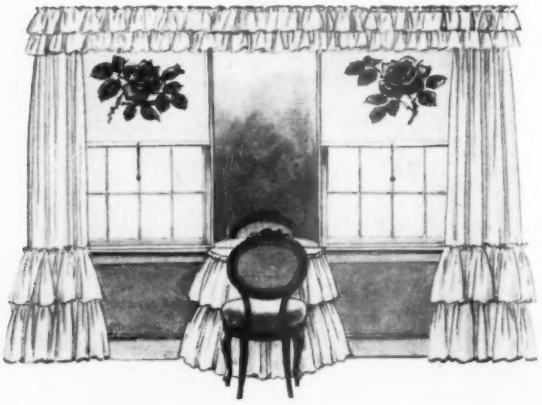
By Harrie and Marni Wood



Drapery fabric tacked to the center wall panel is less bulky than a pair of draperies would be. Use your ingenuity in tacking or gluing the fabric. Glass curtains will cover the edges anyway. Let a long cornice accent window width



Mirror over wall space and window trim ties twin windows together. So does the extra-long valance across the top. Instead of using draperies, experiment with wide strips of fabric gathered down the center and attached to the window with one-inch molding

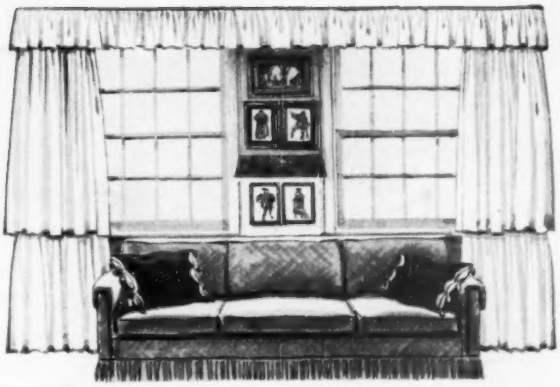


Mirror can also make a dressing table at your double windows. Center a small table in front of the windows. Let a double-tiered dressing-table skirt repeat the tiers on full organdy curtains. For best light, install a fluorescent tube at the top of the mirror. Note roses on shades

Twin windows separated by a narrow strip of wall may be a decorating headache. But when curtains tie them together, you'll find those very windows can add lots of charm to your home.

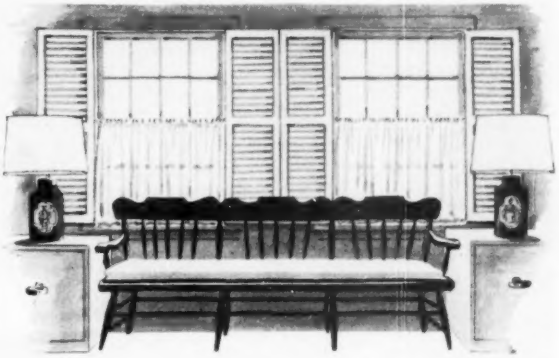
Mirrors, plants, or pictures glamorize that strip of wall space. A valance or cornice makes twins look like a picture window. And an extra-wide valance or cornice lets you hang draperies beside the window to take advantage of sun or view.

Here are seven solutions for the twin-window problem. One of them may work for you.



Pictures and a strip light for reading can fit on the wall between twin windows. If your sofa stands in front of the windows, try matching valance, sill-length draw curtains, and separate petticoats—like this

Potted plants mean fresh green at your windows year-round. Hide the wall panel with silver paper. Then place your plant table in front of the windows. At the windows use bamboo blinds. Hang draperies—in a big tropical pattern—from a wooden pole



Wood shutters lend a cottagey look to double windows. Shutters open flat against the wall at either side of the window and fill the center space between. Choose soft white curtains of ninon, nylon, or thin muslin for the lower sashes

Glass shelves across a mirror panel show off Sunday-best crystal. Dramatize the windows even more with valance lighting. Hang the valance six inches from the window. Install fluorescent tubes two inches behind the valance

Fireplace is set in an inside wall paneled with gumwood. Mantel above runs from wall to wall. Balancing the bookshelves is a pass-through opening into bar alcove. Windows in opposite wall give plenty of light

Study is a colorful room which some day will be Macyla, Jr.'s, room. Books stand out against red background of shelves, are easy to find

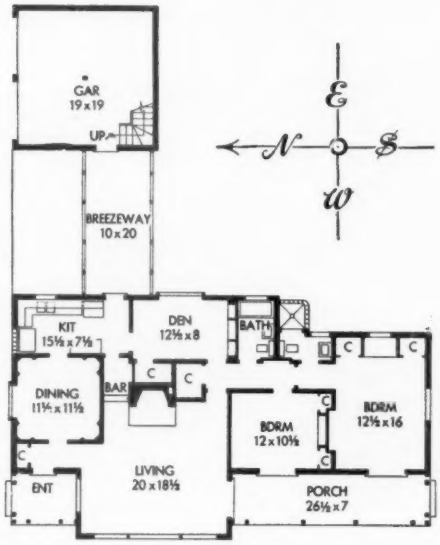
On the view side of the house are the living room with its wall of windows and a comfortable porch. Broad shutters beside the porch doors make the openings seem larger, and increase the horizontal feeling of the house. Note how the lines of the recessed brick courses are carried through by the steel muntins in windows

In this small alcove out of the way of food preparation in the kitchen, Mr. Burke can fix refreshments and talk with guests at same time

Dining room has a china cupboard in each corner. Lines to center make ceiling look like a spoked wheel. Room colors match the painting

Kitchen is a study in soft tones. Counter and splashboard are tile with cupboard in matching yellow that keeps this northeast room cheerful

When you plan your house, use a compass



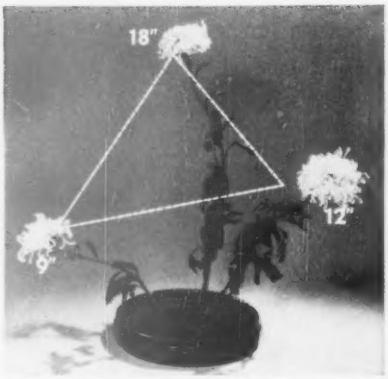
The most perfect plan is worthless if it faces the wrong way

By Mort Reed, Jr.

You can buy most of the comfort that can be built into a house. But nature—sun, wind, view—you have to take as you find it.

Orientation—relation of the house to the points of the compass—is as important to your house as the relation of one room to the others. You want your bedrooms, for instance, where they will be cool in summer, but not cold in winter. You want your kitchen on the north or east so you won't be working in strong sunlight. You want your living room where it will be light and at a comfortable temperature the year round. You want porches where they have the best view and most breeze without cutting light out of important rooms.

With a spread-out Ranch-type plan, you can usually put your rooms exactly where you want them without too much juggling. In a small, compact house, like the home of Architect M. A. Burke of Dallas, it is often [*Turn to page 257*



1. You will need 22 chrysanthemums and two marked needlepoint holders for this arrangement. Start by placing three flowers so they form a triangle. Cut stem of tallest flower twice the diameter of the bowl

ABCs of flower arrangement

By Fae Huttenlocher

Autumn gardens are brilliant with color—deep yellows, bronzes, and maroons. Bring an armful of early fall blooms inside and fill your rooms with bright hues. Here and on page 184 we show you how to arrange chrysanthemums in low bowls and tall vases. You can follow these same step-by-step directions with the other long-stemmed flowers or branches in your garden.

2. Add flowers to fill in the triangle. Step-by-step pictures show where to place them. Be sure to cut each chrysanthemum a different length from the others

3. Make a center of interest by grouping the five largest and deepest-colored chrysanthemums in low center of the arrangement. This gives the arrangement unity. Check to see that all the blossoms are facing up to the high center flower. Now the arrangement is ready for your dining table, coffee table, or buffet

How to arrange chrysanthemums in a tall vase, page 184

BRISK DAYS... OUTDOOR APPETITES...

TIME FOR GOOD HOT SOUP

LOOK FOR THE RED-AND-WHITE LABEL

Try this appetizing luncheon:

Vegetable Soup and Crackers
Cheeseburgers Potato Chips Spiced Beets
Stewed Plums with Vanilla Wafers
Coffee, Milk or Tea

"Almost a meal in itself!" . . . That's what the family will say when you serve big, steaming bowls of this homey soup! 15 garden vegetables mingled in good beef stock. . . . *It's delicious!*

Campbell's VEGETABLE SOUP

Here's a hearty supper:

Bean with Bacon Soup and Crackers
Corned Beef and Cole Slaw Sandwich
Raspberry Gelatin
Coffee, Milk or Tea

Just try this thick, old-fashioned bean soup! The plump, tender beans are made extra-good with the keen taste of bacon. Here's hearty fare, and grand good eating! *Your family will love it!*

Campbell's BEAN with BACON SOUP

For the children, a tempting meal:

Green Pea Soup and Crackers
Chicken Salad Baked Potato
White Cake with Ice Cream
Milk

Here's a smooth and nourishing purée of tender green peas, enriched with the finest creamery butter. It's a soup high in food energy and flavor. Grown-ups go for it. Youngsters ask for seconds!

Campbell's GREEN PEA SOUP

De-licious desserts

With that first brisk fall air, you turn brisk, too—feel ready to cook again. And dessert switches from something light to something more ambitious.

You have the oven on—the thought of good, old-fashioned pumpkin pie teases you into making one. Or you decide to bake some pears and a pan of cookies. Or a spicy gingerbread, the all-you-do-is-add-water kind or your own recipe.

Maybe you plan a party—one that calls for 10 p.m. refreshments. Nut Torte and a cup of coffee's the answer. A buffet or bridge club? Peacherino Tarts with a fluff of whipped cream on top. Just plain, everyday, big family appetites? Then Big Apple Dumplings with cherry topknots. Here's the recipe:

By Myrna Johnston

Big Apple Dumplings

Each rosy apple bakes in flaky pastry with a cinnamon-candy sauce—

2 cups sugar	6 apples
2 cups water	2 cups enriched flour
2 to 3 tablespoons cinnamon candy	1 teaspoon salt
¼ teaspoon nutmeg	2 teaspoons baking powder
¼ cup butter or fortified margarine	¾ cup shortening
	½ cup milk

To make the sauce: Combine sugar, water, cinnamon candy, and nutmeg; cook 5 minutes; add butter. Pare and core apples. Sift flour, salt, and baking powder; cut in shortening. Add milk all at once. Stir just until the flour is moistened. Roll ¼ inch thick. Cut six 5-inch squares. Place 1 apple [*Turn to page 102*

The big 4 in roasts

Know how to fix these four roasts, and you have the key to four handsome dinners.

A roast, as your budget well knows, is a big investment. It rates perfection in cooking. And with a few simple rules and a meat thermometer, you can have that perfection.

On page 89 you will find step-by-step picture directions for preparing the four roasts for the oven.

The rest of the meal can be simple when the meat is so elegant. Below you will find suggestions for what to serve with each meat from vegetable to dessert. There are four ideas you can keep in mind for the special-occasion family or company dinner. The fifth is a next-day dinner using roast pork.

Rolled Beef Rib Roast

MAIN DISH	VEGETABLE	SALAD	DESSERT	NICE TO SERVE
Rolled Beef Rib*	Broccoli Browned Potatoes	Farmers' Chop Suey Sour-Cream Dressing*	Chess Tarts*	Hollandaise Sauce

The Farmers' Chop Suey is as delicious as it is simple to make. Combine 1 cup each of diced cucumber, green pepper, sliced radishes, shredded cabbage, 4 tomatoes, diced, 2 tablespoons minced onion, ½ teaspoon salt, and about 1 cup Sour-Cream Dressing. Let stand in refrigerator ½ hour. Recipe's on page 136. Bake dessert tarts with meat: same temperature, less time.

Pork Loin Roast

Pork Loin Roast*	Pimiento Corn in Pepper Cases	Cabbage Confetti	Apricot Cobbler*	Cinnamon Apples*

Prepare the Cinnamon Apples in the morning; cool them in the syrup until serving time. A little butter and cream added to the corn works wonders. Parboil peppers 5 minutes before stuffing; place in covered casserole, add 1 inch hot water; bake at 350° until peppers are tender, about 30 minutes. You're in for a pleasant surprise when you taste the apricot cobbler.

Beef Standing Rib

Beef Standing Rib*	Potato Cones Glazed Carrots	Cucumbers in Sour-Cream Dressing	Date Pudding With Whipped Cream*	Watermelon Pickles

Prime ribs of beef deserve the best in accompaniments. Force well-seasoned mashed potatoes through a large pastry tube to shape the cones. Brush with 1 egg yolk beaten with 1 tablespoon milk; brown in hot oven. Glaze cooked carrots over low heat in 2 tablespoons butter melted with 1 tablespoon sugar. No browning, please. Date pudding is best slightly cooled.

Crown Roast of Pork

Crown Roast of Pork*	Candied Yams Creamed Onions	Tomato Halves With Chopped Parsley	Pear Upside-Down Cake	Crabapple Pickles

Give your meat man advance notice to make the crown roast. Perch your best crabapple pickles atop the rib ends at serving time. The candied yams are easy. Cook in jackets until barely tender; cool and peel. To glaze: Make syrup of 1 cup brown sugar, 1 tablespoon each of water and butter; heat to dissolve sugar; pour over potatoes. Allow ½ hour in a 350° oven.

Roast Pork Barbecue

Pork Bar-B-Q	Acorn Squash	Pineapple Cream-Cheese Salad in Green Peppers	Individual Gingerbreads With Broiled Topping*	Relish Tray (radishes, pickles, carrot sticks)

Leftover roast pork can be as appetizing as the first meal. Slice and add to heated barbecue sauce, cover, and simmer until heated through, about 5 minutes. Fill center of each acorn squash with 1 teaspoon butter, 1 teaspoon sugar, ½ teaspoon salt. Bake in covered pan with ½ inch water, 1¼ hours. Uncover last ½ hour. Slice salad in rings. Serve on crisp lettuce.

***Roasting directions, page 89; recipes for salads and desserts, page 136**

56 Taste-Tested Recipes

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Dinner in hiding

Barbecue Squares

Baked Whole Yams

Scalloped Onions With Cheese Sauce

Green Salad Bowl

Toasted Buns

Cottage Pudding

Orange Sauce

OVEN MEALS

By Ida Ruth Younkin

Try an oven meal and see how easy a dinner can be.

You slide the food in the oven, close the door, tidy up the dishes in the sink. Range top, counter tops—all are spic and span. By the time the oven door's closed, rush time's over.

These four meals have been timed in the Tasting-Test Kitchen, timed as carefully as we would test a recipe. Each uses economical ground meat; each calls for a 350° oven; each takes an hour. Pictures show you exactly where to put every dish.

Big feast: little fuss

Ham Cups With Fruit Cocktail Sauce

Scalloped Potatoes

Green Beans in Covered Dish

Relish Tray

Gingerbread

Whole Baked Pears

Peek performance

Meat-Ball Oven Dinner

With Tomato Sauce

Toasted Vienna Loaf

Bowl of Slaw

Chocolate Pudding

The meat. The main dish is the pace setter. Set the oven control to suit the meat. Plan vegetables, desserts, and breads that take the same temperature. All the meats here are ground meat, but don't forget pork chops, Swiss steak, oven stews, meat pies, oven-fried chicken, scalloped oysters or tuna, and barbecued ribs.

The vegetable. If your oven meal is to cook in a short time, you can give the potatoes a head start by dropping them into boiling water for 10 or 15 minutes.

When you cut vegetables into cubes or sticks, be sure to cover them tightly so no flavor or steam escapes. Get out your recipes for scalloped onions, tomatoes, potatoes, and corn. And remember Hubbard squash squares and the bean pot.

The bread. You don't have to have a special bread, of course; but as long as you have the oven on, it's a temptation to give the family a surprise. You can make muffins, corn bread, rolls, nut bread, or coffeecake. And with the packaged mixes, they are really no trick at all.

If you want to cut preparation time still more, toast buns or heat rolls or a loaf from the bakery.

The dessert. Gingerbread, fruit cobblers, upside-down cakes, fruit puddings, and custard are ideal for the meal in the oven. Whole baked apples, pears, stewed dried fruits are easy to fix.

There's usually too much steam with an oven meal to bake pastry or delicate cake.

For detailed directions and recipes for oven meals, see page 233.

Cooking without looking

Baked Acorn Squash

With Sausage Balls

Savory Baked Beans

With Onion Slices

Raisin Bran Muffins

Baked Apples

See page 233 for oven-meal recipes

The family wash is in the suds. You dial

temperature of water and washing

Work clothes,

thick rugs, bedspreads swish clean.

Bleach

You can add bluing to wash water

For a light all-over crispness you add starch

brush

starch on. Extra soil gets suds brush.

Dial hot for

Here's how to wash in an automatic

It takes only 5 minutes of your time to do a load in an automatic—and, besides, you can starch, bleach, or tint in it

By Constance Quinn

time the clothes need. Not once are your hands in water.

Washer does the work.

right in wash water.

To tint draperies, slipcovers, and rugs use your automatic.

to the rinse. There's no special handling.

For extra-crisp, white shirt fronts,

heavy jobs

to warm for lingerie. Washday cleanup's easy.

Just what does an automatic washer do? That's simple. It does the hard work of washday. And what do *you* do? That's simple, too. You set the dial, put in the clothes, and take them out later—clean and damp-dry.

Of course, you follow the usual procedure for mending, removing stains, and sorting before you start. It's a good plan to sort clothes as they become soiled. The first pile that's big enough gets washed. This way you need fewer clothes and linens—the ones you have are clean and ready to go, instead of spending time in the laundry hamper.

Here's how the washer does it for you automatically—step by step.

Set dial. Washer fills with water of temperature you select. Water shuts off automatically. Several washers permit partial filling for small loads. Some washers open at top; some at front. You put in detergent or soap, and clothes—about 8 or 9 pounds for most washers. Some take larger loads.

Washing begins. You can adjust washing time to type of fabric and amount of soil. There are two types of washing action. One type washes by tumbling clothes in water. Others have an agitator that keeps water and clothes in motion.

Water drains automatically when washing time is up. Some washers save suds in laundry tub—at end of cycle, you set dial and suds come back in washer for next load of clothes.

Excess water is extracted. In most washers this is done by spinning perforated wash basket at high speed. Some washers spray fresh water over clothes during spinning to flush off surface suds and soil. One washer has heavy rubber-type tub which contracts to squeeze water from clothes after a vacuum is created inside.

Clothes are rinsed. Clean water comes in automatically to rinse clothes. All washers have at least one deep rinse, some have more. Sometimes spray rinses follow. Usually rinse water is lukewarm. One washer saves rinse water which can be brought back into wash basket to soak next load.

Water drains after the rinses. Excess water is again extracted from clothes until they are damp-dry. Then washer shuts itself off. The complete job takes about 25 to 35 minutes of washer's time, but less than 5 minutes of yours.

Take out clothes. You step back into the picture to remove clothes. Although washers are automatic, with [*Turn to page 167*

These Christmas gifts easy to make

They're unique, personalized gifts, fun to give.

They cut out hours of shopping, cost so little

Grandma and Grandpa dolls: You embroider, sew together, and stuff. Grandma doll: B8666; Grandpa doll: B8667, $3 each. You furnish only the stuffing.

By Jessie Prather

You can make gifts exactly *right* for each person on your Christmas list. And for very little money, too. Create gifts like those at the right, without patterns, from simple materials around the house or in the stores. Or order partially made items, which come in kits including embroidery floss and all materials needed to finish them (except stuffing for dolls). The dolls and items below show some of the semimades available, and how they look when completed. On page 200 are gifts made from patterns you can order. Take your choice of gifts to make from scratch, from semimade items, or from patterns; you'll enjoy making and giving them.

Semimade items to finish

Child's bedroom set comes finished except for animal appliques, and banding on crib cover, pillow cover. You sew on trims, dogs and bunnies with floppy ears, ducks with flapping wings. Order laundry bag: B8658, $1.35. Pillow cover: B8656, 85c. Crib cover, 36x54 inches: B8654, $2.50; 40x60 inches: B8655, $3. Colors: pink, blue, or maize. Trims are white. **Mitten-bootee** set is made of soft bunny cloth, which comes stamped with design. You embroider, cut out, sew together, and bind with satin ribbon. Order mitten-bootee set: B8645, $1. State choice of pink or blue. **Mother-daughter aprons** are identical with sailor collars, full skirts, red rickrack and strawberry trim. Aprons come finished except for embroidery. Order mother apron: B8672, $2; daughter apron: B8673, $1.50. State color choice of gray or pastel green. **Terry-cloth bibs** come trimmed with red rickrack. You outline-embroider animals. Set of 2: B8634, $1.

Your own creations

Plastic-covered box pillows serve as elbow rests or back and head supports while reading in bed. They decorate the bed, lounge, or bedroom chair when not in use. Covers are removable for cleaning.

Sewing baskets are easy to make from plain baskets. Tack lining inside; fasten pincushion and darner to it. If basket has lid, tack artificial fruit on top.

Child's tray set and felt beanbag, decorated with kitten design, will make eating a new adventure for a high-chair infant. Directions in textile-painting kit will tell you how to cut and paint kitten stencil.

Clown towel ensemble will make face-washing more pleasant for small fry. This happy clown and the toy train were cut from colorfast drapery chintz, and appliqued on towel and washcloth. Top of clown's ball was left open to make pocket for small bar of soap.

Fruit pot holders are cut from gay, solid-color chintz, and bound with matching bias tape or bias-cut strips of chintz. Stems are tape loops and serve as handles.

Sewing apron-bag plays two roles. As shown in photograph, it's ready to wear as apron, with full-width pocket holding knitting, sewing materials. Tie around waist while sewing. To use as bag, tuck bib into opening and pull drawstrings together.

Apron-Mitt set: Apron is figured chintz trimmed with solid-color chintz. Mitt is asbestos-type material, padded, lined, quilted, and appliqued with chintz flower. Mitt is handy for handling hot pans.

Handmade place mats are smart, different. Top mat: Cock design is painted on a bright red butchers' linen mat. Napkin in buttonhole-stitched slit represents rooster's tail. Mat below: Tack chintz butterflies down center of their bodies so wings flutter. To launder, you remove butterflies. Or you may prefer to applique them firmly in position. Napkins may be made from butterfly chintz or mat material.

Sewing directions on page 200

Gingham-girl kitchen set: Pot holders and apron come bound. You bind tablecloth, napkins, dish towels; add embroidery and gingham appliques. 7 towels: B8692, $4; each, 70c. Tablecloth, 40x52: B8688, $2.65; 4 napkins: B8689, $1. 3 pot holders: B8690, $1. Apron: B8691, $1.50. Red or blue trim.

Stuffed ducks: You embroider, sew together, and stuff them. Set of 2 ducks: B8575, $1.95.

Chubby pickaninnies will win toddler's heart. They're printed on fabric; you just cut out, seam together, and stuff. Set of 2: B8624, $1.

Gifts made from patterns, page 200

Order semimade items now, so you'll have time to finish by Christmas. State name of item, number, and color. Address Better Homes & Gardens, 5210 Meredith Building, Des Moines 3, Iowa. Prices include postage

for EASIEST portability ...try HAMILTON BEACH!

...with the lighter beater unit!

EASIEST PORTABILITY

New, lighter beater unit glides off the stand for use *anywhere*. No triggers, catches, or latches. Easy off, easy on . . . with *one* hand. Compare!

EASIEST OPERATION

The hand that holds the mixer sets the speed. Leaves your other hand free to hold a pan or add ingredients. Compare!

EASIEST SPEED CONTROL

MIXGUIDE puts 10 tested speeds right under your thumb, right under your eye—magnified for flash reading. Compare!

$34.25

($34.90 Denver and West). Includes two bowls and extra single beater.

JUICE EXTRACTOR $4.25 ($4.35 Denver and West)

EASIEST JUICING

Juice, strained free of seeds and pulp, flows directly into serving glass. Nothing extra to wash. Extractor lifts out for easy cleaning. Rustless. Compare!

EASIEST BOWL CONTROL

Shifts ever-turning bowl while beaters revolve. Gives even mixing without stopping the motor or touching the beaters. Compare!

TRY HAMILTON BEACH!

All food mixers are *not* "pretty much alike." So buy wisely—try them all. Compare feature for feature and you'll choose Hamilton Beach because it's *easiest to use!* Hamilton Beach Co., Div. of Scovill Mfg. Co., Racine, Wis.

New HAMILTON BEACH Mixette

Only 3-SPEED portable with ONE-HAND OPERATION!

ONE-HAND OPERATION lets your thumb adjust the speed. Leaves your other hand free to hold a pan or add ingredients. Only Mixette has it!

ALL-PURPOSE—it beats, mixes, mashes, whips, creams. Ideal in the smaller kitchen or apartment. Use it *anywhere*, with *any* bowl or pan.

POWERFUL enough to handle heaviest batters, yet compact and light weight.

BALANCED HANDLE, at right angle to beaters, is easy to hold—ends wrist-strain. Flat base on beater unit prevents messy batter-drip.

TWO STURDY BEATERS easily handle hard-to-mix batters. Snap in for use—snap out for easy cleaning.

HANGS ON WALL or fits in a drawer. Always within easy reach. Hanger bracket furnished.

$17.75

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Made by the makers of top-value Hamilton Beach Vacuum Cleaners

Your recipe may win a prize

$70 for meat recipes and custards

This month's contest offers $70 for spring veal or lamb recipes and custards. First prize is $10; 20 other prizes are $3 each.

All you do is send us your best recipe. The eight top winners will be published in May Cooks' Round Table, and there will be 13 Honor Roll winners.

Lamb and veal recipes are wanted for May dinner tables. Do you fix a glamorous crown roast heaped with a super stuffing? Or do you have a surprise filling for cushion-style breast of veal or lamb?

Perhaps your specialty is lamb or veal patties expertly seasoned. Or lamb or veal cutlets, riblets, cubes, or shank in hearty stew, in savory curry with rice, in veal or lamb pie with vegetables?

Maybe a leg of lamb studded with cloves of garlic, or glazed with mint jelly is your prize spring meat.

What kind of lamb chop do you buy and fix—rib, loin, blade, shoulder, or Saratoga? How do you cook your choice of chops? Broil as the hub of a grilled meal, with tomato halves, pineapple slices, and split rolls alongside? Pan fry or braise in an herb-seasoned gravy? Bake smothered with a tangy sauce?

Do you dip veal chops in an egg-crumb mix, and chicken-fry them? Do you braise them in fruit juice, fricassee them in sour cream? What veal roast do you favor- rump, rib, round, blade, or shoulder? How do you flavor and garnish it?

Springtime custard is another contest contender. Is your favorite prepared in top of the double boiler, in your pressure saucepan, or in the oven?

Do you flavor it with grated lemon or orange peel; lemon, orange, and other fruit juices; double-strength coffee; caramelized sugar; or chocolate bits?

Does your recipe call for coconut shreds, nut meats, pineapple cubes, banana slices, crushed berries, or other fruits? Do you pour custard over ladyfingers or cake cubes?

Perhaps you make your custard extra fluffy by folding it with whipped cream or stiff-beaten egg whites. Maybe you top it with maple syrup, sundae sauces, or toasted marshmallows.

You may use a soft stirred custard as filling in crisp meringue shells. Perhaps you make a version of baked custard where a cake batter comes to the top and forms a crust over the custard beneath.

Or do you have a delicious custard pie that's sure to please? Send your choice custard recipe for us to try. It may win you a prize.

And remember, the winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement, and *six copies of the endorsed recipe.*

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time and mark it, "Spring Veal or Lamb Recipes" or "Custards."
2. Print your full name and address clearly in upper right corner of recipe page.
3. Give measurements in *level* cups, tablespoons, and teaspoons, never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the history or origin of your recipe.
6. All recipes submitted become the property of *Better Homes & Gardens.*
7. Entries must be postmarked by midnight, October 31.
8. Address the recipes you enter to 5410 Tasting-Test Kitchen, *Better Homes & Gardens*, Des Moines 3, Iowa.

This month's winners

Cook-of-the-Month is Mrs. Charles H. Lavoie of Ludlow, Massachusetts. Her Fig Squares are rich, chewy, and easy to make.

Date Bars you'll want to try are Mrs. Garnes'—the recipe has been in her family for many years.

Spicy bars, full of raisins, orange and lemon peel, are Mrs. Dorothy Millard's.

Rich Brownies that make good party eating win a prize for Mrs. Roma C. Duncan.

Pot roast earning top honors is Mrs. Newman's, featuring a garlic-flavored, tangy tomato sauce and corn-meal dumplings.

Ideal recipe for your pressure pan is Mrs. Kipfer's Pot Roast With Noodles; you'll like the savory flavor that bay leaves, cloves, and onions give the meat.

Mrs. Boileau in her Fruited Pot Roast cooks the meat in cider and adds apricots, prunes, and sweet potatoes.

Mexican Pot Roast contributed by Mrs. Elberta Hawkins is for those who enjoy well-seasoned foods with a bit of tanginess.

Honor Roll names are on page 143.

Nothing like WALTER BAKER'S CHOCOLATE for making family holidays happy! *Um-m-m!*

HEAVENLY HALLOWEEN SPECIAL!

Luscious chocolate cake topped with apricots—a celestial combination! Follow the Devil's Food Cake recipe on the Walter Baker's Premium No. 1 Chocolate package. Then for your Halloween frosting and filling:

APRICOT CREAM TOPPING

¼ cup sugar
5 tablespoons Swans Down Cake Flour
Dash of salt
¼ cup canned apricot juice
1 cup canned apricot pulp
2 tablespoons lemon juice
1 cup cream, whipped
4 halves canned apricots (drained)

Combine sugar, flour and salt in top of double boiler; add apricot juice and mix thoroughly. Sieve well-drained apricots to obtain 1 cup pulp and add gradually to flour mixture, stirring until blended. Place over rapidly boiling water and cook 5 minutes, or until thickened, stirring constantly. Remove from boiling water; add lemon juice. Chill. Fold in one-fourth of the whipped cream. Spread half of this filling between layers of cake. Fold remaining whipped cream into the other half and use as topping for cake. Garnish with apricots.

(All measurements are level.)

For rich chocolate flavor and warm chocolate color, America's favorite cooking chocolate—Walter Baker's—is tops. Good cooks say: "Any chocolate food worth making is worth making with Walter Baker's Premium No. 1."

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YOURS for only 20¢ . . . Send 20c in coin and your name and address to Walter Baker Chocolate and Cocoa Division, Box 10-365, Battle Creek, Mich. Booklet contains over 200 tested recipes and is illustrated in color.

HALLOWEEN

CHOCOLATE CAT-FACE CANDIES

Prepare Nut Bars as directed on back of Baker's Dot Chocolate package, reserving 1 tablespoon of the melted chocolate. When candy is cold enough to handle, but not hard, remove block from pan as directed and cut in halves crosswise; then cut each half diagonally twice, making 4 triangles. Use candy corn for making nose and eyes and long shreds of Baker's Coconut for the whiskers, fastening in place with a dot or two of the reserved chocolate, melted again. Makes 8 pieces.

This recipe is just a SAMPLE of what wonderful chocolate candies you can make with Baker's Dot Chocolate. See back of package.

CHOCOLATE-LOVIN' FOLKS ENJOY THE WHOLE WALTER BAKER FAMILY!

DOT CHOCOLATE ♥ DE LUXE DUTCH-PROCESS COCOA ♥ GERMAN'S SWEET CHOCOLATE ♥ BREAKFAST COCOA ♥ SEMI-SWEET CHOCOLATE CHIPS ♥ PREMIUM NO. 1

Some corn does more for you than others—

WHEN IT'S GOT ALL THIS →

Dependability

Same grand flavor, same quality—can after can. That's the fine thing about the DEL MONTE label on any product you choose.

Extra-special tenderness

DEL MONTE Corn kernels are especially thin-skinned, too—so everybody can enjoy them.

Plump and bright, too—bursting with country flavor!

Sweetness plus

Cornpatch goodness that goes over big "as is." Flavor so rich it holds up in made-up dishes—helps even meatless dishes satisfy.

Real Economy

Your greatest assurance of value in any food is a brand known and trusted for flavor.

And that's DEL MONTE! Your own experience tells you!

Buy wisely! Buy for flavor! Buy

Del Monte CORN

—the brand that puts flavor first

Golden Whole Kernel Golden Cream Style White Cream Style

CORNPATCH TOMATO SURPRISE

- 4 large, firm tomatoes, cored
- 4 small eggs
- 3 tbsps. cream or evap. milk
- ¾ tsp. salt
- ¼ tsp. paprika
- Dash cayenne
- 1 tsp. Worcestershire Sauce
- 2 tsps. grated onion
- 2 to 3 slices bacon
- 2 tbsps. fine dry bread crumbs
- Grated American cheese
- 1 to 2 cans DEL MONTE Golden Whole Kernel Corn

Hollow out tomatoes; salt insides. Place in shallow baking dish; break an egg into each tomato. Combine cream, seasonings, and grated onion and spoon over eggs in tomatoes. Bake in moderate oven (350°F.) 20 to 25 min. or until eggs are almost set. Meanwhile, sauté bacon crisp; drain; crumble. Combine with bread crumbs. Top tomatoes with cheese; then crumb mixture, as shown.

Spoon the corn around tomatoes, season and dot with butter or margarine. Return to oven till cheese is melted and corn is heated. Serves 4.

POT ROASTS

Mexican Pot Roast

The vegetables and seasonings make a thick, savory sauce—

- 3 pounds rolled chuck or rump pot roast
- 1/4 cup enriched flour
- 2 teaspoons salt
- 1/2 teaspoon pepper
- 2 tablespoons fat
- 1 No. 2 can (2 1/2 cups) tomatoes
- 3 cups sliced onions
- 1 1/2 cups diced celery
- 1 3-ounce can sliced mushrooms
- 2 tablespoons Worcestershire sauce
- 1 dried red pepper

Roll meat in flour; season; brown on all sides in hot fat. Add tomatoes; cover and simmer 2 hours. Add remaining ingredients. Simmer until tender, about 1 hour. Serves 6.—*Mrs. Elberta Hawkins, Casey, Illinois.*

Pot Roast With Noodles

Cook a vegetable, make a salad—dinner's ready—

- 3 pounds beef arm pot roast
- 1/4 cup enriched flour
- 2 teaspoons salt
- 1/4 teaspoon pepper
- 1/4 cup water
- 1/4 cup vinegar
- 2 bay leaves
- 5 whole cloves
- 2 onions, sliced

Roll meat in flour; season. Brown in hot fat in pressure saucepan. Add remaining ingredients; cover and exhaust air. Cook at 15 pounds pressure 35 minutes. Serve over cooked broad noodles.—*Mrs. A. D. Kipfer, Wichita, Kansas.*

BAR COOKIES

Fruited Pot Roast

The roast simmers in cider—

- 3 pounds standing rump pot roast
- 2 tablespoons fat
- 1 teaspoon salt
- 2 onions sliced
- 1 cup cider
- 1 cup water
- 3/4 cup dried apricots
- 3/4 cup dried prunes
- 4 whole cloves
- 6 large sweet potatoes, cut in half

Brown meat in hot fat; season. Add onions and cook until golden. Add cider and water; cover and cook over low heat about 3 hours. Add fruits, cloves, and sweet potatoes and continue cooking until potatoes are tender, about 30 minutes. Serves 6.—*Mrs. Burdette Boileau, San Marino, California.*

Cooks' Round Table of Endorsed Recipes

Cookies

Fig Squares

Bar cookies take less time. Bake a big panful, cut squares—

- 3 eggs
- 3/4 cup sugar
- 1 teaspoon vanilla
- 1 cup enriched flour
- 1/8 teaspoon salt
- 2 teaspoons baking powder
- 1 8-ounce package (1 1/2 cups) figs, chopped
- 1 cup chopped California walnuts

Beat eggs until light. Add sugar and vanilla and mix well. Add sifted dry ingredients and mix well. Stir in figs and walnuts. Bake in greased 9-inch square pan in moderate oven (350°) 30 minutes. Cool. Cut in squares and sprinkle with sifted confectioners' sugar. If you like thinner bars, bake in larger pan.—*Mrs. Charles H. Lavoie, Ludlow, Massachusetts.*

Fruited Bar Cookies

Brown sugar, candied fruit peel, and spice explain their goodness—

- ½ cup butter or fortified margarine
- 1 cup light brown sugar
- 1 egg
- 1 teaspoon vanilla
- 1½ cups enriched flour
- ½ teaspoon soda
- ½ teaspoon cinnamon
- 2 tablespoons milk
- ¼ cup chopped candied orange peel
- ¼ cup chopped candied lemon peel
- ½ cup seedless raisins

Thoroughly cream butter and sugar. Add egg and mix well. Add sifted dry ingredients alternately with milk; mix well. Stir in remaining ingredients. Pour into greased 9-inch square pan. Bake in moderate oven (350°) 30 minutes. Makes 18 bars.—*Mrs. Dorothy Millard, Buffalo, New York.*

Date Bars

Easy to make, stay moist for days—

- 3 eggs
- 1 cup sugar
- 1 cup enriched flour
- ½ teaspoon salt
- 1 teaspoon baking powder
- 1¾ cups chopped dates
- 1 cup chopped California walnuts

Beat eggs until light; add sugar and beat until thick. Add sifted dry ingredients; beat smooth. Stir in dates and nuts. Bake in greased 9- by 13-inch pan in moderate oven (350°) about 30 minutes. Cut in bars. Roll in confectioners' sugar. Makes 2 dozen bars.—*Mrs. H. B. Garnes, Minneapolis, Minnesota.*

Rich Brownies

With a wonderful creamy frosting—

- ⅓ cup shortening
- 1 cup sugar
- 2 eggs
- 1 teaspoon vanilla
- 2 1-ounce squares unsweetened chocolate, melted
- ⅔ cup enriched flour
- ¼ teaspoon salt
- ½ teaspoon baking powder
- ⅔ cup chopped California walnuts

Thoroughly cream shortening and sugar. Add eggs and vanilla; beat well. Add cooled, melted chocolate and blend. Add sifted dry ingredients. Stir in walnuts. Bake in greased 8-inch square pan in moderate oven (350°) 35 minutes. Frost with **Creamy Chocolate Frosting:** Heat 2 tablespoons water and 1 tablespoon butter; add ¼ teaspoon vanilla and 1 1-ounce square unsweetened chocolate, melted, and 1 cup confectioners' sugar; beat till spreading consistency.—*Mrs. Roma C. Duncan, Bloomington, Indiana.*

Cooks' Round Table of Endorsed Recipes

RECIPES ENDORSED BETTER HOMES & GARDENS TASTING TEST KITCHEN

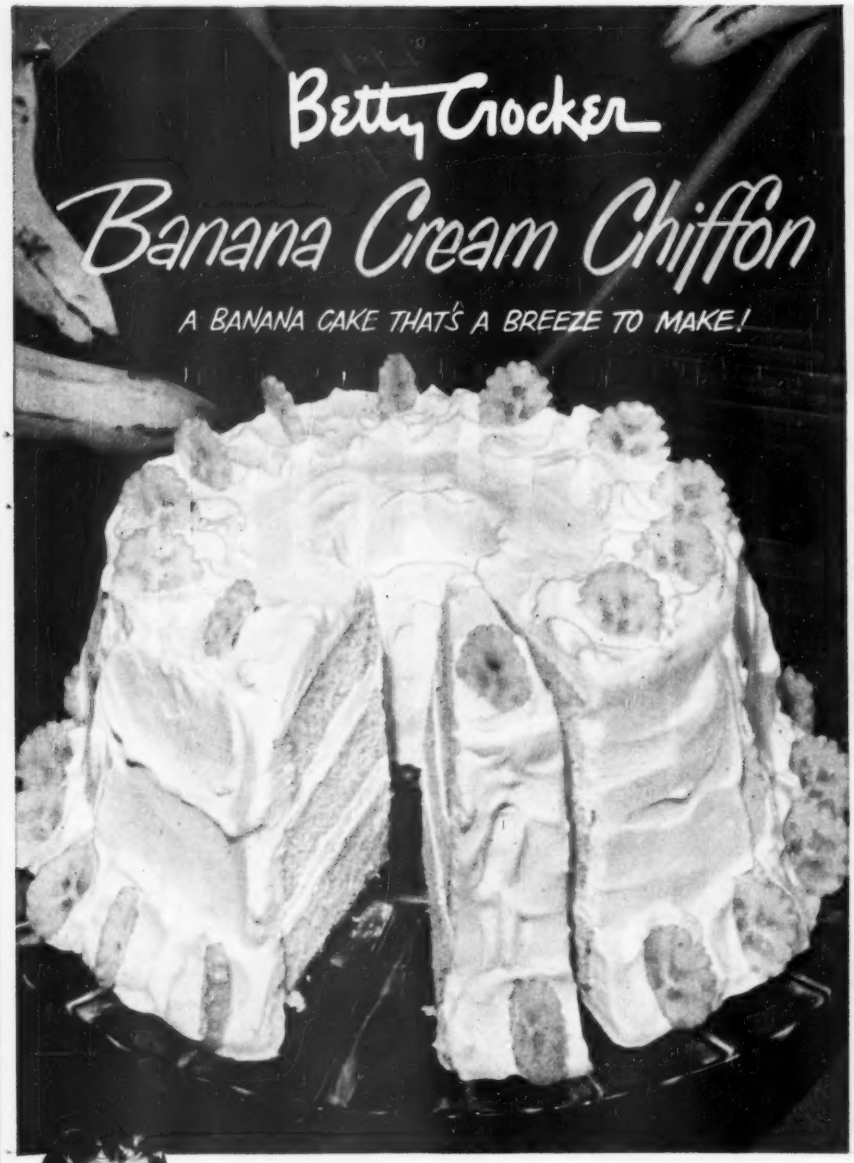
Meats

Beef Pot Roast With Corn-Meal Dumplings

There's a well-seasoned meaty sauce for the dumplings to steam in—

- 3 pounds beef blade pot roast
- 2 teaspoons salt
- ¼ teaspoon pepper
- ½ cup water
- 18-ounce can tomato sauce
- 3 onions, sliced
- 2 cloves garlic, minced
- 2 tablespoons brown sugar
- ¼ teaspoon paprika
- ½ teaspoon dry mustard
- ¼ cup lemon juice
- ¼ cup catsup
- ¼ cup vinegar
- 1 tablespoon Worcestershire sauce

Rub meat with salt and pepper; brown in hot fat. Add water, tomato sauce, onions, and garlic. Cover and cook over low heat 2 hours. Combine remaining ingredients; cover and continue cooking until tender, about 1 hour. Serve with **Corn-Meal Dumplings:** Combine ¾ cup corn meal, ½ cup enriched flour, ½ teaspoon salt, and 1½ teaspoons baking powder. Add 1 beaten egg and ½ cup milk and blend. Stir in 2 tablespoons melted fat. Drop batter by spoonfuls into hot sauce. Cover pan closely and simmer 15 minutes.—*Mrs. Mary Newman, Columbus, Ohio.*



A COMPLETE DESSERT IN ITSELF, this cake is glorious and glamorous...and will give you the wonderful thrill that comes only from a superb cake you've put together yourself. You'll love its angel-food lightness, its wonderful butter-cake richness . . . the ease with which you can make it.

Elegance is always easy with a Betty Crocker recipe and Softasilk Cake Flour. They are the ideal combination for a sure-success glamour cake. Remember, Softasilk cakes are always higher, finer and more delicate than cakes made with any ordinary flour.

General Mills

Betty Crocker Banana Chiffon

This recipe developed for Softasilk Cake Flour ONLY. Follow it exactly and make an ideal cake.

Preheat oven to 325° (slow moderate). SIFT an ample amount of SOFTASILK Cake Flour onto a square of paper.

STEP 1

Measure (level measurements) and sift together into mixing bowl:
- **1⅓ cups (1 cup plus 2 tbsp.) *sifted* SOFTASILK Cake Flour (spoon lightly into cup, don't pack)**
- **⅔ cup sugar**
- **1½ tsp. baking powder**
- **½ tsp. salt**

Make a well and add in order:
- **¼ cup cooking (salad) oil, such as Wesson**
- **2 unbeaten egg yolks (medium-sized)**
- **3 tbsp. cold water**
- ***½ cup sieved *very ripe* bananas (1 to 1½ bananas)**
- **½ tsp. vanilla or grated lemon rind**

Beat with spoon until *smooth*.

STEP 2

Measure into *large* mixing bowl:
- **½ cup egg whites (4 whites)**
- **¼ tsp. cream of tartar**

Whip until whites form *very stiff* peaks. They should be much stiffer than for angel food or meringue. DO NOT UNDERBEAT.

STEP 3

Pour egg yolk mixture gradually over whipped egg whites—*gently* folding with rubber scraper *just* until blended! DO NOT STIR!

Pour into *ungreased* 9-in. tube pan, 3½-in. deep, immediately. Bake *50 to 55 minutes* in *slow moderate oven* (325°), or until top springs back when *lightly* touched.

Then, immediately turn pan upside down, placing tube part over neck of funnel or bottle. Let hang, free of table, until cold. Loosen from sides and tube with spatula. Turn pan over and hit edge sharply on table to loosen.

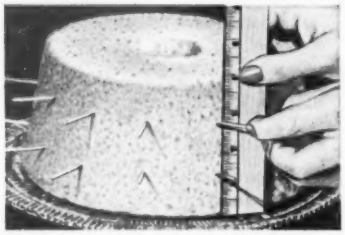
Split cake crosswise into 3 even layers with a saw-toothed knife. Spread Whipped Cream Filling (*recipe below*) between the layers (widest layer on the bottom) and over top and sides. Garnish with banana slices**. Store in refrigerator.

*For best banana flavor, use *very ripe* bananas, the yellow peel well flecked with brown.

**Dip banana slices in lemon, orange, grapefruit or pineapple juice to keep from turning dark.

Whipped Cream Filling: Whip until very stiff in chilled bowl 1 pt. chilled heavy cream. Beat in 1 tsp. vanilla and ½ cup confectioners' sugar. If sides are left uniced, use half the amounts.

Tips on how to make this Banana Beauty by Betty Crocker of General Mills...



1. Measure cake height. Put row of wooden picks one-third from bottom. Another row one-third from top.

2. Cut cake into three layers, using wooden picks as guides.

3. Spread whipped cream between the layers and over the outside of the cake.

The Secret of this Wonderful Cake is SOFTASILK

— A SPECIAL CAKE FLOUR for AMERICA'S FINEST CAKES

MAKE DOUBLE-QUICK CAKES WITH SOFTASILK, TOO!

With every package of Softasilk, you'll find 8 Betty Crocker recipes for Double-Quick Cakes. Remember—with these recipes, you don't cream shortening or beat eggs. You use just one bowl and mix in just four minutes.

If you live at an altitude over 2,500 feet, write Betty Crocker, General Mills, Minneapolis 1, Minnesota, for recipe adjustments. Specify recipe wanted.

Grand Food-Anytime!

Kellogg's CORN FLAKES

The ORIGINAL
W. K. Kellogg

Morning, Noon or Night

...anytime is "date" time with the favorite, Kellogg's Corn Flakes! Crisp, daisy-fresh! Nourishing for breakfast! Swell for snack-time! Plenty for everybody in the Regular or Family Size!

Choose the one you love the best!
Kellogg's Corn Flakes, Pep, Rice Krispies, Shredded Wheat, Corn-Soya, Bran Flakes, Krumbles—
All made by Kellogg's of Battle Creek.

Grand Choice *every* time

10 packages . . . 7 favorites!

Grins win! Groans lose. Everybody's cheered up by Kellogg's VARIETY PACKAGE. Choosing's fun. And *what* choice! . . . 7 favorite cereals in 10 generous boxes . . . delicious wheat, rice, corn, soya . . . flaked, shredded, popped. All crisp, all Kellogg-fresh. *Real* nourishment you *really* enjoy! Great for lunches and supper-snacks, too. "Nothing like VARIETY!" . . . ask all the mothers who know. It's *the* favorite, because . . .

Kellogg's

Mother Knows Best!

Quick snacks for unexpected guests

By Fae Rowley

Here's the test of true hospitality. Can you serve unexpected guests with the ease and charm of a planned occasion? These photographs show you ways to entertain simply and smartly—with practically no time spent in the kitchen. The next time friends drop in at the last minute:

Load a big serving tray with apples, nuts, and cider and gather around the fire. Unfold an inexpensive wrought iron luggage rack to hold the tray. Keep a big pitcher of cider handy to take care of the seconds

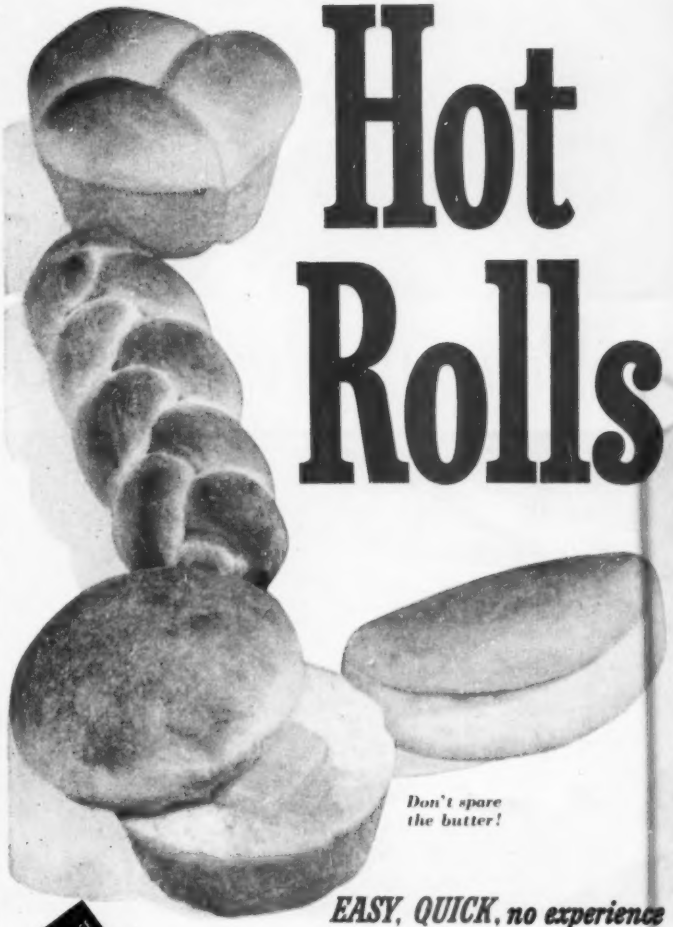
Bake waffles for the teen-agers after the theater or movie. Put your waffle iron on a refreshment cart with plates, silver, butter, syrup, and coffee. Roll the cart into the living room and let everybody watch

Where to get it, page 259 ***More on page 79***

RAISE YOUR HOPES

spare your time, delight your family with delicious

Hot Rolls



Don't spare the butter!

EASY, QUICK, no experience needed with the new

Pillsbury HOT ROLL MIX

(WITH YEAST)

In your brightest dreams, you could never picture rolls like these—so easy to make. (So inviting to eat, spread over with melting butter.) Light, tender, wonderfully tempting rolls—made with such a slight amount of effort with the new Pillsbury Hot Roll Mix. Ann Pillsbury's directions right on the package. Yeast is included. You just add water to yeast, then add mix. Try it—it's easy.

3 Original Rogers Silverplated Teaspoons. Exclusive Lady Ann pattern—only 50¢ and 6 coupon values. Send to Pillsbury, Box 150, Minneapolis, Minn. Write for free premium booklet on Pillsbury Premium Plan. Savings up to 50% on complete silverware service and other valuable articles. Extra-Value coupons with all Pillsbury packages.

Pillsbury BEST XXXX Mixes

You and Ann Pillsbury can make a great team

Ann Pillsbury has developed a new hot roll mix in *her* kitchen to save you time in *your* kitchen, and give you perfect results every time.

1 With new crisp-cut Crushed★

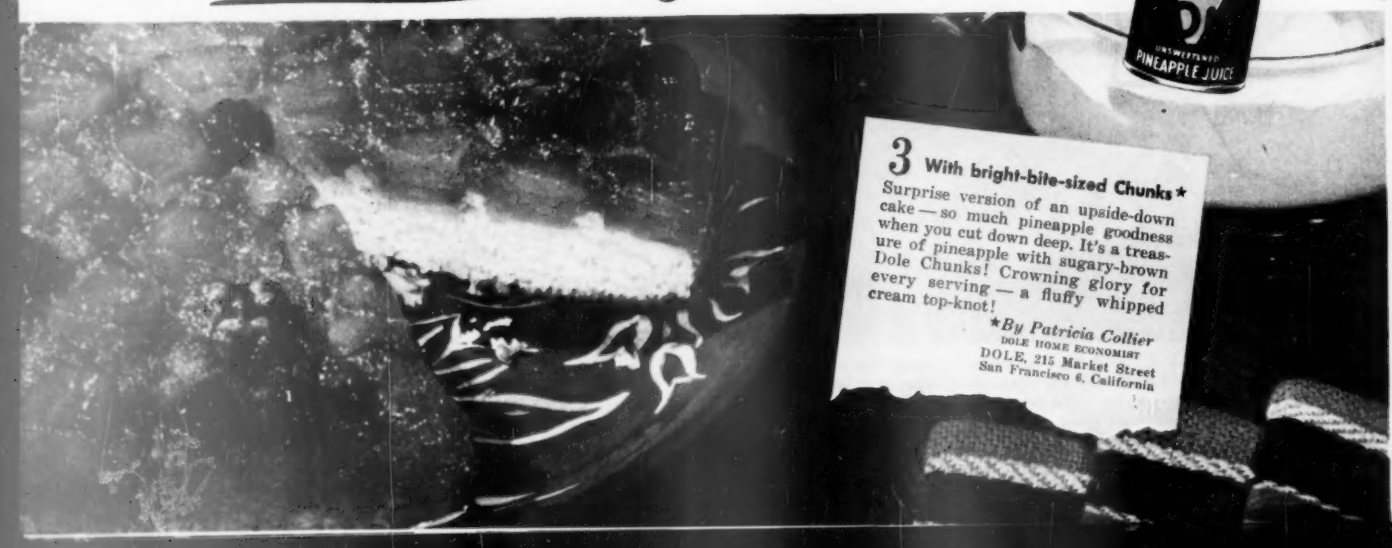
Pineapple upside-down cake for dessert? Just try Dole crisp-cut Crushed for a juicy topping of pineapple that covers the *whole* cake. Drain those luscious golden bits before you spread them in a pan with melted butter and brown sugar. And with crisp-cut Crushed (or Sliced or Chunks) it's a perfect dessert whether made with your own cake recipe or a prepared cake-mix.

Pineapple upside-down cakes—

2 With familiar-favorite Sliced★

Sunny circles that always make a hit — those Dole Slices on upside-down cake! Use your imagination for delightful patterns, trust Dole to give them all a tropic richness. Vary your designs with walnuts, pecans and cherries to put a new face on any flavorful Dole cake.

3 different ways by DOLE



3 With bright-bite-sized Chunks★

Surprise version of an upside-down cake — so much pineapple goodness when you cut down deep. It's a treasure of pineapple with sugary-brown Dole Chunks! Crowning glory for every serving — a fluffy whipped cream top-knot!

★*By Patricia Collier*
DOLE HOME ECONOMIST
DOLE, 215 Market Street
San Francisco 6, California

Quick snacks for unexpected guests

Begins on page 77

Fix cinnamon toast and hot coffee. This hostess-tray-toaster has shakers for cinnamon and sugar, bowls for sandwich makings and pickles. Tray and automatic coffee maker are on a big Lazy Susan coffee table

Have a chafing-dish snack to make a dramatic climax to a spontaneous bridge foursome. Just open up a can of beans and chili con carne. Heat it at the table and serve with assorted crackers or toasted bread sticks

Have cheese and crackers and mugs of hot coffee. They invite good nibbling and easy conversation. Put several kinds of cheese and crackers on a Lazy Susan. Guests make their own snack at the spin of the tray

Imagine them in your kitchen...

...the right knife for every need!

Shown, from left to right—Ekco Flint steak slicer, roast slicer, ham slicer, French cook's knife, utility knife, paring knife. Blades of high carbon vanadium steel, heat treated, hardened and tempered. "Hi-arc" hollow ground to have and hold a "butcher-sharp" edge. Each with a lustrous rosewood handle. That's why they're preferred by more people than any other brand. Individual Flint knives from 69c, Flint Holdster* Sets from $9.95. Featured at better stores.

This shows how Flint knives are "hi-arc" hollow ground to perfect sharpness.

You'll have the best... you'll give the best... when it's

EKCO FLINT CUTLERY

Another Great Product by EKCO...
Biggest Name in Housewares
Ekco Products Company... Chicago 39, Illinois

*Trademark

Banana Milk Shake

Invitingly Yours

Take a fully ripe banana. Simply press it through a sieve. Stir into a glass of chilled MILK and mix thoroughly. There you have an invitation to goodness . . . a refreshing BANANA MILK SHAKE! So tempting . . . so satisfying . . . m-m-m, so very, very good!

Morning, noon and night . . . MILK can do so much for you. Into MILK nature pours vitamins, minerals, proteins . . . the good things you need for life. Drink three glasses a day. It's a good habit. You'll feel good . . . look good.

FIRST IN FOODS

Milk Adds Life

AMERICAN DAIRY ASSOCIATION
20 N. WACKER DRIVE BLDG., CHICAGO 6, ILL.
"Voice of the Dairy Farmer"

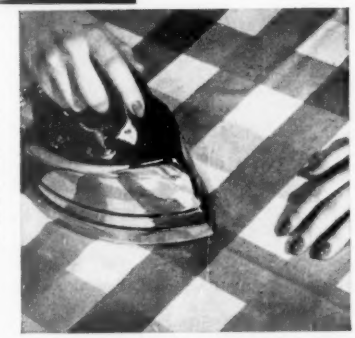
Smart housekeeper!

Four jobs your steam iron will do away from the ironing board

Remove furniture-leg marks on rugs. Hold iron several inches above depression and let steam pour down. Brush the nap up until dry. Repeat, if mark is stubborn

Brighten suede. Let shoes, gloves, purse absorb a good quota of steam. Then rub gently with suede brush (rubber one is best)

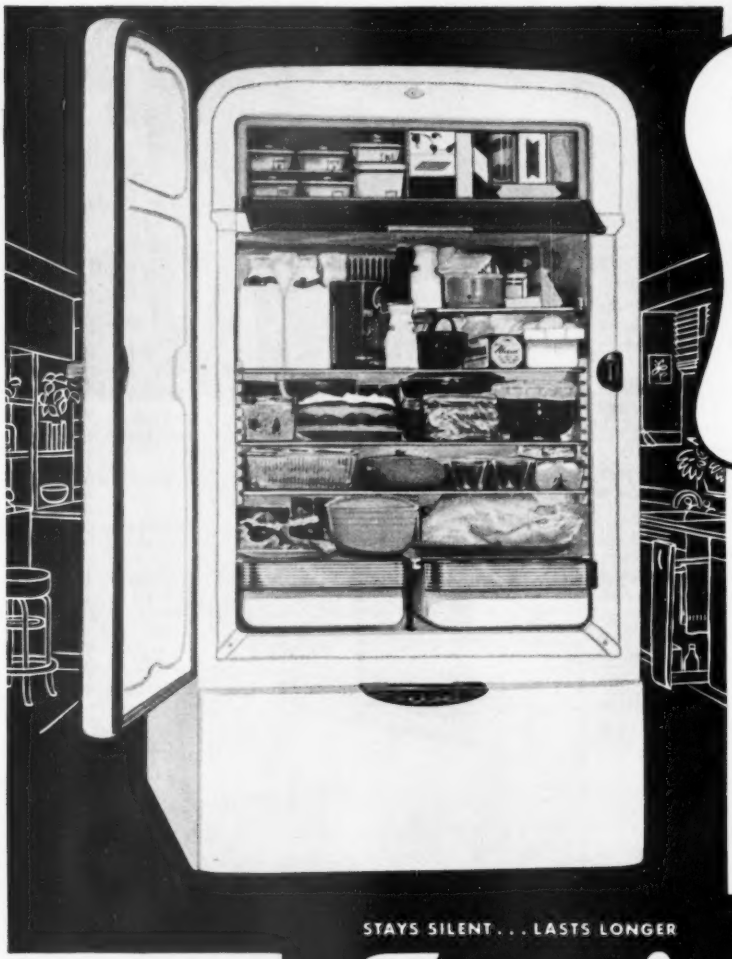
Refurbish felt hats. Brush out any dust. Then remove any soiled spots with a good dry cleaner. Hold felt surface close to steam; brush gently to raise nap. Rain marks and matting will disappear like magic. Ribbons and flowers will respond likewise to steam



Smooth out wrinkled tablecloths. Steam-press wrinkles developed during storage. Press right on the table (table pad underneath, of course). If folds are sharp, you may need to use a moistened sponge

1929 **"Here's a snapshot** we took when Jimmy was three. That was the year we got our Servel Gas Refrigerator. It was wonderful—not a sound!

1949 **"Jimmy was married** this summer—see what twenty years can do! But, you know, we've had that same Servel all these years—and *it* hasn't changed a bit. Still never a sound!... Jimmy says *he's* going to get a Servel, too."



ONLY SERVEL

Stays Silent Lasts Longer

because it has no moving parts in its freezing system

Lots of Servel's more than 2,500,000 owners tell us their refrigerators are still going strong after 18 and 20 years. For Servel has a different freezing system. There's no motor to wear, no machinery to grow noisy, no moving parts at all. Just a tiny gas flame does the work.

Writes Mrs. Charles Fulton of Cranbury, N. J., "We bought our Servel in 1929. It's never failed us. Now one of my sons has bought a beautiful new Servel, and another is planning to get one."

You'll find the newest conveniences in the famous Servel Gas Refrigerator. From a big frozen food compartment to moist cold for salad crisping—Servel has everything! See it today.

BEFORE YOU CHOOSE ANY REFRIGERATOR

Get this book FREE!

by Mary Margaret McBride
Famous Radio Reporter

Every new refrigerator looks beautiful. But how long will it last? Will it grow noisy and run up repair bills? In her delightfully entertaining new book, radio's famous Mary Margaret McBride tells what makes the real difference in refrigerators. You can get your copy of "Inside Story" at your Gas Company, or neighborhood Servel dealer. It's free. Stop in for your copy today.

Every new convenience—see the new Servels at your Gas Company or neighborhood dealer. (For farm and country homes, Servel runs on Bottled Gas—Tank Gas—Kerosene.) Servel is also maker of the Servel *Ball-Type* Water Heater and Servel *All-Year* Air Conditioner. Servel, Inc., Evansville 20, Indiana. In Canada, Servel (Canada) Ltd., 548 King Street, West, Toronto, Ontario.

STAYS SILENT . . . LASTS LONGER

Servel

The GAS Refrigerator

Betty Crocker says:

"They're BUTTONS and BOWKNOTS . . . made with Bisquick for the homey satisfaction of good baking, and less work."

Why do unnecessary work, when with Bisquick you can make light, tender bakings with a delicious homey flavor?

In Bisquick are six ingredients of the quality you would choose yourself. Proportioned and blended just right. Tested by the Betty Crocker staff at General Mills.

Directions for twelve bakings on the Bisquick box . . . biscuits, waffles, pancakes, muffins, etc. Try them all, for the satisfaction of *good* baking with little effort.

Buttons and Bowknots

New! Much like crullers, only baked. Tender, spicy-rich. Quick with Bisquick! Cut dough into doughnut shapes. Twist rings into Bowknots. Use centers for Buttons.

Stir . . . . . **⅔ cup cream or top milk**
into a mixture of **2 cups Bisquick**
2 tbsp. sugar
1 tsp. nutmeg
⅛ tsp. cinnamon
Add . . . . . **1 egg**

Mix thoroughly about 1 minute.

Turn onto lightly floured, cloth-covered board; roll over gently to coat with flour. With floured hands, knead 2 or 3 times to round up dough into a smooth ball. (Add extra Bisquick if too sticky to handle. Dough should be soft.)

Roll ½-inch thick. Cut into rings with floured doughnut cutter. Save "holes." Twist each ring to make a figure 8. Reroll scraps and cut.

Place Buttons and Bowknots on baking sheet. Bake 10 to 12 minutes in moderately hot oven (400°).

Meanwhile melt in small pan ¼ cup butter or margarine. Measure into small bowl ½ cup sugar. As soon as Buttons and Bowknots are baked, dip each quickly in and out of butter, coating each side. Then coat each side in sugar. Serve warm. Makes 10 Buttons and 10 Bowknots.

General Mills

Bake better . . . bake with Bisquick

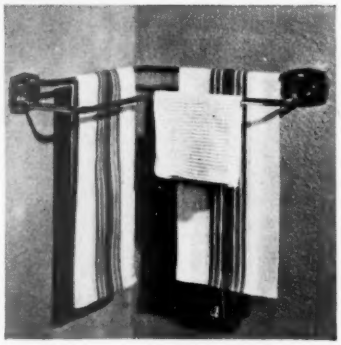
FOR ROLLED BISCUITS, WAFFLES, PANCAKES, MUFFINS, DROP B[illegible] O MEAT SHORTCAKES, DUMPLINGS, MEAT PIES, FRUIT COBBLERS, HOT ROLLS [illegible] NNAMON ROLLS

P.S. Also try Betty Crocker pie crust mix, Crustquick

Make pie crust like Betty Crocker's!

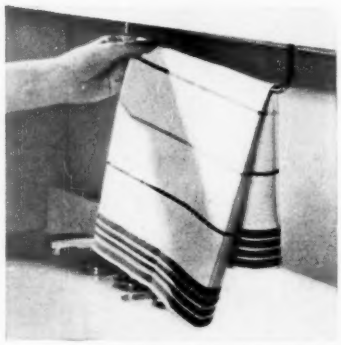
Hang dish towels

Double-rod towel rack gives you room to dry twice as many towels in the same space. Towels shown contain 20 percent asbestos fibers to make them extra absorbent, are soft, flexible



Corner towel rack makes the most of unused space in the corner. The twin rods double the hanging space

Door rack clips on the back of a door. You can take it down easily any time. There are no holes to show where it was attached. Center of rod is a heavy metal spring which will stretch to fit any size door. The rack will hold three towels



Small single towel rack goes under the cabinets near the sink, is easy to reach. Fasten to cabinet rod side down, like a swing

where you need them

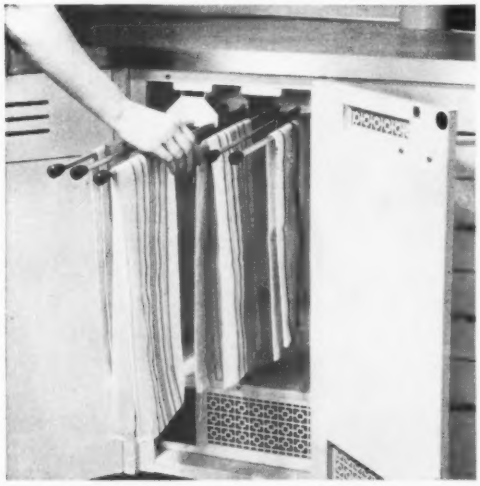
As simple a thing as a towel can be a vexation. Either it's not right where you want it, or it's not dry enough to use.

Hang a kitchen towel correctly and it adds an attractive plus to the room, saves you steps. Hang it in an unhandy spot and it causes you extra work.

Dish towels need heat and circulation of air to dry well. So, if you can, hang towels near your range, register, or radiator where heat dries them quickly. Keep a supply on hand so you can change them often.

You'll save steps if you have towel racks where you need them—at your sink, mixing center, and range. Take a look at the space you have available. Then check the pictures here to see the new type racks available and suggestions for where to put them.

Plastic towel ring is as attractive as it is handy. Put the ring under a counter near the range or on a wall close to sink. It's also decorative holding a gay hand towel in kitchen or bathroom. You can buy rings of metal



Towel dryer. Sliding racks pull out easily. When you turn on the switch, the concealed heating unit circulates hot air to dry towels

More on page 85

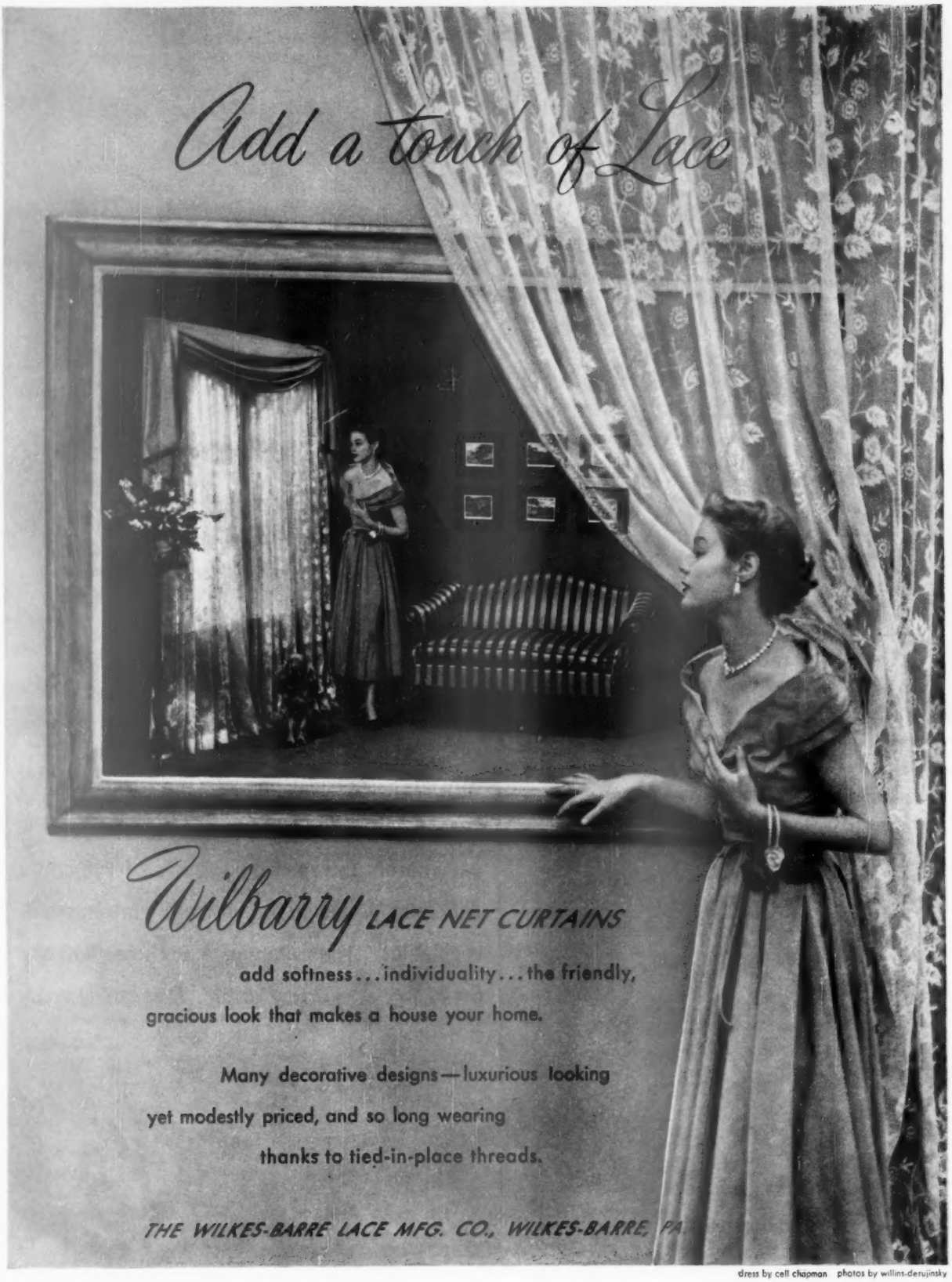
Here's Lively Flavor and Goodness no "single" juice can match!

It's V-8* Vegetable Juices — a delicious blend of 8 juices in one drink

8 juices . . . not just one. That's why V-8 has lively flavor and wholesome goodness no single juice can match. Every glass of V-8 contains 8 delicious juices blended from garden-fresh vegetables . . . PLUS vitamins A, B, C—calcium and iron. Serve V-8 often. Your family will love it.

Made by the makers of Campbell's SOUPS

*V-8 is a trademark owned in the United States by Campbell Soup Company; in Canada by Campbell Soup Company Ltd

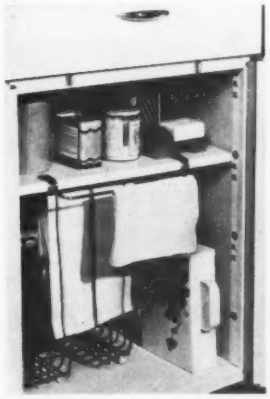


dress by cell chapman photos by willins-derujinsky

Hang dish towels where needed

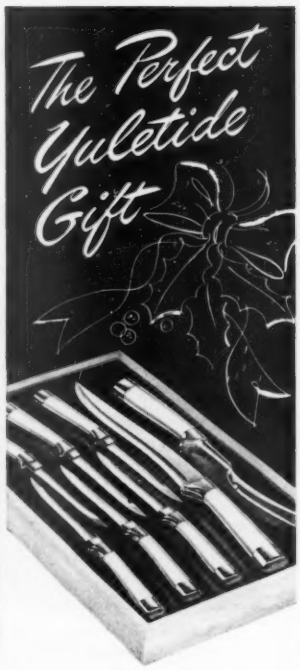
Begins on page 82

Wall dispenser puts paper towels where you can reach them easily. Place the container near the sink or work center. Handy double dispenser also holds a roll of waxed paper



Clip-on rack fastens to a shelf. Put it below the sink, in a cabinet, or on a projecting counter. The double rods give rack room to hold two towels

Towel valet holds six to nine towels. Clean towels, ready to be used, are stacked below. You can move the rack around the room wherever you need it. Use it when you're ironing, too



Carvel Hall Cutlery by Briddell

NO MATTER what the occasion, the gift selection of the smart set is lovely Carvel Hall Cutlery. It complements the finest silver, graces any table with a festive air.

Sets include handsome carving knives and forks, long thin slicers, tiny carvettes, famous Carvel Hall Steak Knives. Blades are crafted from fine chrome-vanadium cutlery steel. Handles are gleaming ivory Lustrex with sparkling trim. New sets are beautifully gift packaged in handsome cases that add charm and usefulness.

See Carvel Hall Carving Sets at your jeweler, gift shop or department store.

Carving Knife and Fork in Deluxe case. Master Set shown above.

Eight-piece Steak Knife set in plastic jewel-box case.

FREE: *Write to Dept. B-10 for Briddell's new booklet, "Juicy Steaks Are An Art."*

Guaranteed by Good Housekeeping

BRIDDELL
CRISFIELD, MD.
Fine Quality Cutlery

Men's recipe winners

Here we announce the prize-winners in our men's recipe contest. In a coming issue, we'll picture in color the top-winner dishes, give you recipes

We didn't know you men were such good cooks until we invited you to enter a recipe contest! Your recipes were *all* so good we had a job singling out the top 22. For every winner, there were a half-dozen close contenders.

With the help of the men on the staff—after much cooking, tasting, and debate—we finally agreed on the following Chef's *Cum Laude* list:

Top six winners are: G. F. Ball, of Des Moines, Iowa, presented with $100; Carl G. Stromee, of Sioux City, Iowa, earning $50; Capt. Austin E. Marks, of East Camden, New Jersey, $25; Oakley Bidwell, of New York City, $20; E. A. Semrad, of Dimmitt, Texas, $15; and Philip S. Brown, of Pasadena, California, $10.

Twelve runners-up, winning $5 each, are: Bruce T. Clark, Chesterland, Ohio; Glenn Griswold, New York City; G. Phil Traebing, Jackson, Michigan; R. I. Stearns, Intercession City, Florida; Harold P. Boyd, of Flat River, Missouri; Otto T. Peterson, Chicago; William D. Whyte, Waukegan, Illinois; John Burton Brimer, Suffern, New York; Stanley M. Baron, Oklahoma City, Oklahoma; Harry J. Chiocca, Alameda, California; Charles I. Wetmore, Erie, Pennsylvania; Irwin Ketterson, Cleveland, Ohio; Demarest H. Crary, Deadwood, South Dakota; A. L. Schipper, South Bend, Indiana; Eldon A. Sorensen, Portland, Oregon; and R. L. Steele, San Luis Obispo, California.

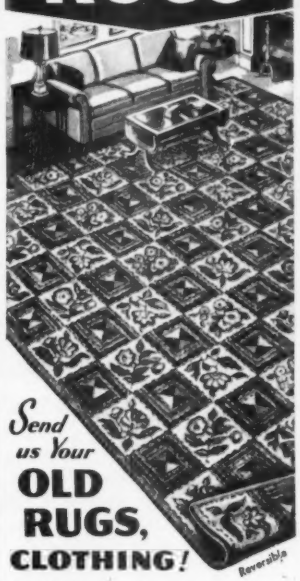
Our congratulations to these winners, and our thanks to every one of you men who entered your excellent and original recipes.

Your correct address is important . . .

Whenever you write us about your *Better Homes & Gardens* subscription, be sure to enclose an address label clipped from a recent copy. By doing this, you will help us find the information you need, and send you a prompt reply.

Address your inquiries about subscription to the Service Division, *Better Homes & Gardens*, Des Moines 3, Iowa.

SAVE $50 UP TO ON LOVELY BROADLOOM RUGS



It's All So Easy! Write today for the Free Olson Rug *Catalog* (28 model rooms in color) that tells how your materials are picked up at your door and shipped at our expense to the Olson Factory, where . . .

By the Scientific Olson Process we sterilize, shred, merge materials of all kinds—reclaim and separate the valuable wools, etc., then bleach, picker, card, spin, redye and weave lovely, deep-wool-textured new ***Two-Sided Broadloom . . .***

OLSON RUGS

—in sizes for all needs up to 16 feet seamless, and any length, in all the newest:

Solid Colors	Floral, Leaf	Embossed
Two-tone	Early American	Effects
Tweed Blends	Oriental Designs	Ovals

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Please mail Olson Rug Catalog Free to—
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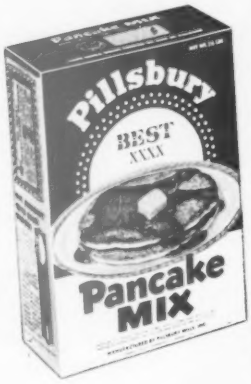
Town State

Pillsbury took your order

WHEN YOU SAID YOU WANTED PANCAKES LIGHTER

Spread 'em with butter . . . splash 'em with syrup, and settle down to a stack of these lighter Pillsbury pancakes.

LIGHTER PANCAKES ARE HERE



Another Great Mix from Mix Headquarters

Probably you, too, have wished pancakes could be lighter. Now they *are!* Over the years, Pillsbury has improved this mix, step by step, until now it is the one mix in America that gives you pancakes with such remarkable lightness and fluffiness. Extra tender. Rich, golden color. Tempting flavor. And simple to make, naturally. You merely add milk. Today, how about turning yourself loose on these lighter pancakes?

This famous mix is wonderful for waffles, too. And for good old-time buckwheats with new lightness get Pillsbury Buckwheat Mix.

You and Ann Pillsbury can make a great team

Ann Pillsbury has developed a new lightness in pancakes, and has kept all that old-time goodness, too. Now, with this mix, it's easy for you to make really light, delicious pancakes every time.

Pillsbury BEST XXXX Mixes

Three original Rogers silverplated teaspoons. Exclusive Lady Ann pattern—only 50¢ and six coupon values. Send to Pillsbury, Box 150, Minneapolis, Minn. Write for free premium booklet on Pillsbury Premium Plan. Savings up to 50% on complete silverware service and other valuable articles. Extra-Value Coupons with all Pillsbury packages.

Pillsbury PANCAKE MIX

frankly fancy

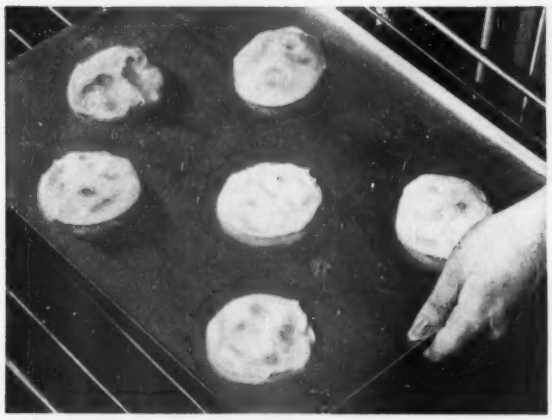
Cream

1. Add a ¼-pound stick of butter (½ cup) to 1 cup boiling water. Stir until butter is melted. Add 1 cup flour and ¼ teaspoon salt all at once

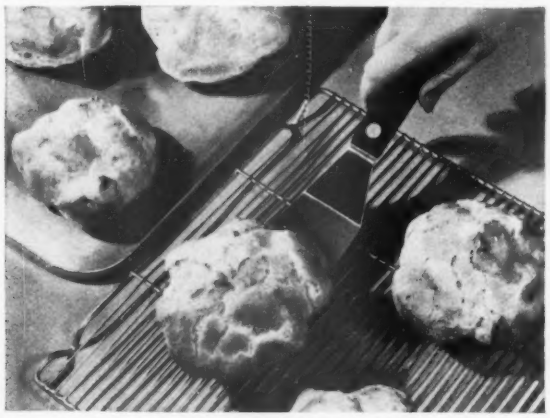
2. Stir vigorously until mixture is smooth and forms a ball that doesn't separate. (Picture shows how it will look.) Now remove pan from heat

3. Cool mixture slightly. Add 4 eggs, one at a time. Beat vigorously with spoon or mixer, after each egg is added. Beat until mixture is smooth

puffs and eclairs



4. Drop batter from tablespoon onto greased cooky sheet. Bake in hot oven (450°) 15 minutes, then in moderately slow oven (325°) 25 minutes



5. Remove the crisp golden-brown shells with spatula. Cool on cake rack. Recipe makes 12 large puffs. Use same batter for eclairs, page 175

6. Slice across top, not quite through. Lift lid and fill puff with golden cream filling. (Recipe is on page 175.) Sprinkle with confectioners' sugar

More on page 175

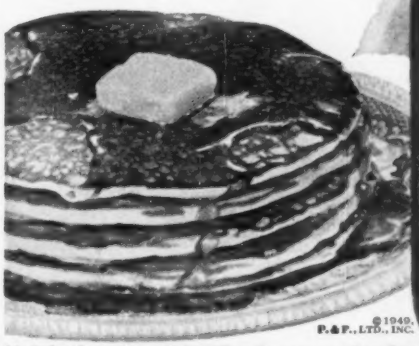
Back in 1850, folks loved to invade the sugar camp for fresh-made maple sugar.

The real maple sugar flavor you've hankered for!

For Vermont Maid Syrup, our skilled blenders select maple sugar that is unusually full-flavored; then blend it with cane sugar. This blend gives you, at moderate cost, real maple sugar flavor that is uniformly rich and delicious.

Enjoy Vermont Maid Syrup today. Your grocer now carries it in attractive glass jugs, ready for your table.

Penick & Ford, Ltd., Inc., Burlington, Vt.



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Made by the makers of My-T-Fine Desserts and Brer Rabbit Molasses

Which salad dressing would your guests like best?

The one that's America's favorite...

THE ONE AND ONLY

Miracle Whip

Save the pint and quart jars for canning!

HARVEST FRUIT PLATTER. Truer words were never spoken than "the dressing makes the salad," so do please serve this with *the one and only* Miracle Whip. For Miracle Whip really does have a special, smooth-yet-lively flavor you don't get in any other kind. A unique type of salad dressing, combining the qualities of zesty boiled dressing and fine mayonnaise, it's *far and away* America's favorite.

Lettuce
3 cups peeled diced apples
1 cup diced celery
¼ cup chopped pecans
Thin unpeeled red apple wedges
Orange sections
Grapefruit sections
White seedless grapes
Miracle Whip

Cover a large chop plate with crisp lettuce. Combine diced apples, celery and pecans; mix with enough Miracle Whip to moisten and season. Place in mound in center of plate. Press apple wedges, skin side out, into mound. Arrange alternate portions of orange and grapefruit sections on the lettuce around the salad. Place clusters of grapes between the grapefruit and orange. Garnish with Miracle Whip.

Millions prefer it! *A unique type of salad dressing, Miracle Whip has a zesty flavor all its own . . . a flavor so appealing that the one and only Miracle Whip actually out-sells the next 20 brands combined!*

For a perfect roast

Begins on page 62

There are few meats as easy to do to chef's perfection as a big roast. Only follow a few simple rules.

Place meat, fat side up, in an open roasting pan. It will baste itself. Do not add water or sear the meat. Do not flour it. Roast in moderately slow oven (300° to 350°). At this constant low temperature, you'll have less shrinkage, and your roast will be juicy.

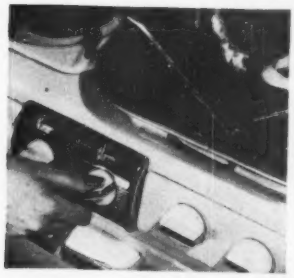
If you are puzzled whether to add salt first or last, here's the answer. Research reports salt penetrates less than ½ inch, so it's not important when salt is added to a large piece of meat. Some cooks like to sprinkle it on at the beginning, think it makes better gravy.

Like your beef rare, well done, or just tinged with pink? We won't enter the arguments. Let your family decide. You can give them just what they call for when you use a meat thermometer.

Picture directions below and on pages following show you how to do each of the four roasts in the color photograph on page 62.

Rolled beef rib

Place meat on a rack in an open roasting pan. Fat side should be up. This V-shaped rack allows circulation of heat all around the roast. If a regular rack is used, the roast may be turned about every 30 minutes to cook more evenly



Roast in moderately slow oven (300° to 350°). For roasts from 6 to 8 pounds set oven at 300°. Low temperature keeps roast plump, juicy

Insert a meat thermometer so bulb is at center of roast. For rich-brown, crispy surface, paint roast with a browning glaze. It's easy. Just mix ⅓ cup salad oil or melted fat with 1 tablespoon kitchen bouquet. Add salt and pepper. Brush onto the roast as shown in the picture

Place oven rack so meat is in center of oven. Roast 28 to 30 minutes per pound for rare, 32 to 35 minutes per pound for medium, and 37 to 40 minutes per pound for well-done roast. Thermometer will read 140° (rare), 160° (medium), and 170° (well done). You can expect 3 to 4 servings per pound from the roast

More on next page

FROM CAKE QUEENS AND BOBBY-SOXERS...

rave-letters for this Mix!

Dear Sir:

I just had to write to inform you what a marvelous product your Swans Down Cake Mix is. Made the chocolate cake today and found it as good as my prize Devil's Food which friends told me was like eating fudge.

MRS. A. KANE,
Chicago, Ill.

The ingredients in this mix, Mrs. Kane, are as fine as your own. Egg whites that taste farm-fresh (prepared by an exclusive process); fresh, all-vegetable shortening; delicate, fragrant flavoring; soft, superfine Swans Down Cake Flour.

Swans Down:

I am 12 years old tomorrow. I just made my own cake with your Swans Down Instant Cake Mix, it baked beautiful and looks lovely. I am very proud over it.

HELEN F. TRACY,
Bangor, Maine

We are proud, too, Helen, that we can help you to put a perfect cake batter into the oven in 4 minutes.

Dear Sirs:

I was considered the town's best cakemaker by all my friends and neighbors, but *not any more*. With Swans Down Cake Mix, they all can make just as good cakes as I do.

I never thought there could be a prepared cake mix that could equal homemade cakes. Well, I found out different. It's economical, too, and together with all the cakes and cookies one can make with it, it certainly makes a housekeeper's work easy.

MRS. WM. P. CAMPBELL,
Caro, Mich.

You are a good sport, Mrs. Campbell, to be happy when your neighbors catch up with you in cakemaking. But we'll bet that some of the variations you dream up are still tops!

Makes all your favorites:

White cake, chocolate cake, yellow cake, spice cake, orange cake, upside-down cake, cupcakes, brownies, cookies—no end of delicious variations. Each a Swans Down beauty! See recipes in box.

The only cake mix made with Swans Down Cake Flour

Swans Down Instant Cake Mix

A product of General Foods

Cloud O' Pumpkin!

NEW—AND HEAVENLY PIE WITH BAKER'S COCONUT

It's pumpkin time again—but pumpkin pie was never like *this* before.

For here's a pie airy-light as a cloud —with a *new* kind of taste excitement! Luscious, fluffy pumpkin and spice, laced through and through and topped with toasted, golden-brown Baker's Coconut! Good? It's sheer heaven!

Use snowy white Baker's Coconut to glamourize thrifty cakes, puddings, fruits. *Buy* coconut goodies, too—in food shops and bakeries!

COCONUT PUMPKIN CHIFFON PIE

1 envelope (1 tablespoon) gelatin
¼ cup cold water
1¼ cups mashed cooked pumpkin
¾ cup evaporated milk
½ cup water
2 egg yolks, slightly beaten
¾ cup brown sugar, firmly packed
½ teaspoon salt
¼ teaspoon ginger
½ teaspoon nutmeg
½ teaspoon cinnamon
2 egg whites
½ teaspoon vanilla
1 cup Baker's Shredded Coconut, toasted*
1 baked 9-inch pie shell
⅓ cup cream, whipped and sweetened

Soften gelatin in cold water. Combine pumpkin, milk, water, egg yolks, ½ cup of the sugar, salt, and spices in top of double boiler. Cook over boiling water 10 minutes, stirring constantly. Add gelatin and stir until dissolved. Remove from boiling water. Chill until slightly thickened.

Beat egg whites until foamy. Add remaining sugar gradually and continue beating until stiff. Fold in pumpkin mixture, vanilla, and ¼ of the toasted coconut. Turn into cold pie shell. Chill until firm. Before serving, top with whipped cream and remaining toasted coconut.

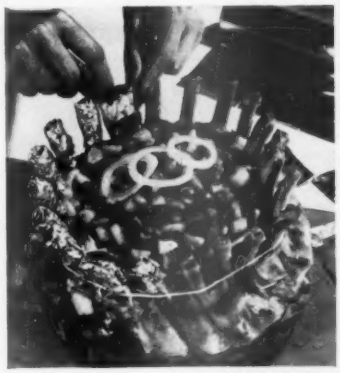
*To toast coconut, spread thinly in shallow pan. Place in moderate oven (350°F.) and toast about 10 minutes, or until delicately browned. Stir occasionally to toast evenly.

Products of General Foods

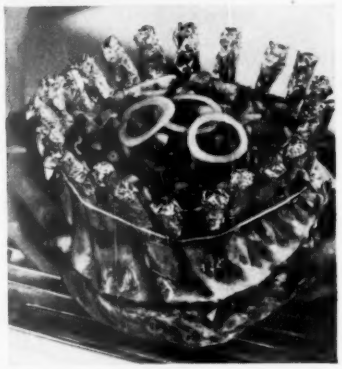
Continued from preceding page

Crown roast of pork

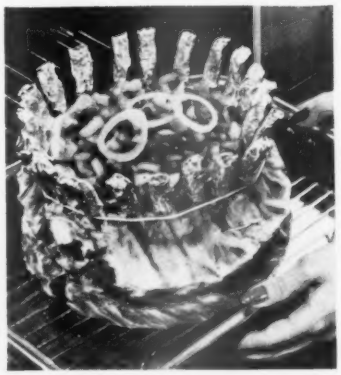
Have crown of ribs made at the market. Ten to 12 chops make average-size crown. Turn bone ends up and fill center with bread stuffing. Top stuffing with onion rings



Wrap squares of aluminum foil around bone ends to prevent excess browning. Fold foil a couple of times before cutting so squares will be 2 or 3 layers thick. Or, instead, use cubes of raw potato, bacon strips, or salt pork



Lift roast to the rack in open roasting pan by placing your hands underneath the crown



Roast uncovered in moderate oven (350°) 30 to 35 minutes per pound. To serve, remove aluminum foil and place spiced crabapples, steamed prunes, tiny onions, or paper frills over the ends of the bone

More on page 92

ONLY WESTINGHOUSE gives you the exclusive COLDER COLD

Here's what it means in better, surer food-keeping

LOWER TEMPERATURES in this big SUPER FREEZER

Plenty of room to freeze or store 35 pounds of food.

- COLDER COLD **FREEZES FOODS**
- COLDER COLD **STORES FROZEN FOODS**
- COLDER COLD **GIVES ICE CUBES FASTER**
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- COLDER COLD **KEEPS ICE CREAM HARD**
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SAFE, STEADY COLD
in the main food compartment

TO KEEP THESE FOODS FRESHER { **MEATS AND LEFT-OVERS** / **FRUITS AND VEGETABLES**

This super De Luxe 9 has everything! Plenty of the right kind of cold, when and where you want it. All automatically controlled. Lots of bottle space . . . two giant Humidrawers . . . adjustable shelves to take care of bulky foods . . . big, roomy Meat Keeper. See it today . . . and the companion De Luxe 11 . . . at your Westinghouse retailer's.

EVERY HOUSE NEEDS A **Westinghouse *Refrigerator*** MODELS FROM 4 TO 11 CUBIC FEET

WESTINGHOUSE ELECTRIC CORPORATION • APPLIANCE DIVISION • MANSFIELD • OHIO

Only Real Mayonnaise is good so many ways!

HELLMANN'S *Real* Mayonnaise BEST FOODS

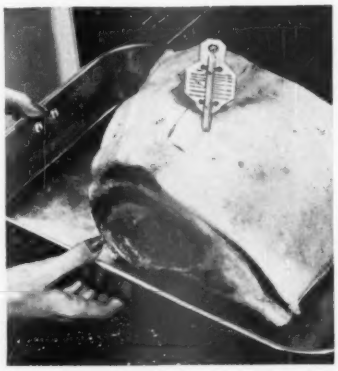
For a perfect roast *Continued from page 90*

Beef standing rib roast

Season roast with salt and pepper. Place, fat side up, in a baking pan. A rack is not necessary because the bones themselves form a rack. Measure the distance to the center of the roast so you will know how far to insert the meat thermometer

Make a hole with a metal skewer in the center of the thickest section of the roast

Insert meat thermometer so bulb is in the center of the meat. Be sure that the bulb does not touch bone or fat



Roast uncovered in moderately slow oven (300° to 350°). Allow 18 to 20 minutes per pound for rare, 22 to 25 minutes per pound for medium, and 27 to 30 minutes per pound for well-done roasts. Meat thermometer will read 140° (rare), 160° (medium), 170° (well done). You can expect 2 or 3 servings per pound from the roast

More on page 94

It's new! It's sponsored by Betty Crocker... It's All you want in a toaster...and more!

Silverware: Queen Bess pattern Tudor Plate by Oneida Community Silversmiths—now given with coupons from General Mills Appliances as well as food products.

General Mills Automatic Toaster

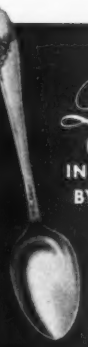
FEATURING THESE EXCITING EXTRAS

- ★ Exquisite Styling!
- ★ Extra-high toast pop-up!
- ★ Exclusive double thermostat!
- ★ Excellent performance!

No more burned fingers! No more probing into slots with a fork! Toast pops up *extra-high* in the new General Mills Automatic Toaster for easier toasting of all sizes of breads—even split buns and muffins.

No more burned toast! The Tru-Heat Timer, an exclusive *double* thermostat, assures toasting perfection. Just turn Color Control Knob for toast as you want it—*evenly* brown slice after slice. See this new toaster where fine appliances are sold. Wonderful gift idea! $21.95.

General Mills Automatic Toaster



NOW...GET *Queen Bess* PATTERN SILVERWARE IN GENUINE TUDOR PLATE BY ONEIDA COMMUNITY SILVERSMITHS *with all* General Mills Appliances

BIG SILVERWARE COUPONS GIVEN

The same exquisite silverware you've been able to get before *only* with coupons packed with General Mills food products, is now available with appliances, too.

Automatic Toaster

75 COUPONS

The greatest number of coupons ever offered with a General Mills product!

Tru-Heat Iron

40 COUPONS

The truly modern iron with the tapered heel; lets you iron backward as easily as forward.

Steam Ironing Attachment

25 COUPONS

Made for the Tru-Heat Iron. Slips on in a jiffy to give you the ideal steam iron.

HOW TO GET SILVERWARE COUPONS. Send dated sales slip showing name of appliances, store name, your name and address, within 30 days of purchase to General Mills, Inc., Box 800A, Minneapolis, Minnesota.

Betty Crocker is a trade name of General Mills

Plantation

...hospitality in crystal

Heisey has brilliantly adapted the pineapple, traditional symbol of warm hospitality, to PLANTATION hand-wrought crystal. Whether in the modern or traditional manner, your very special entertaining will take on new zest with sparkling PLANTATION stemware and table accessories. Wonderful for gift-giving too, because it's so practical, so inexpensive. Write for the new illustrated folder.

A. H. Heisey & Co.,
Dept. A9, Newark, Ohio.

Heisey
HAND-WROUGHT CRYSTAL

THE FINEST IN GLASSWARE, MADE IN AMERICA BY HAND

For a perfect roast *Continued from page 92*

Pork loin roast

Ask your meat man to loosen backbone from ribs at the market so roast will be easy to carve. Rub salt and pepper all over outside of the roast

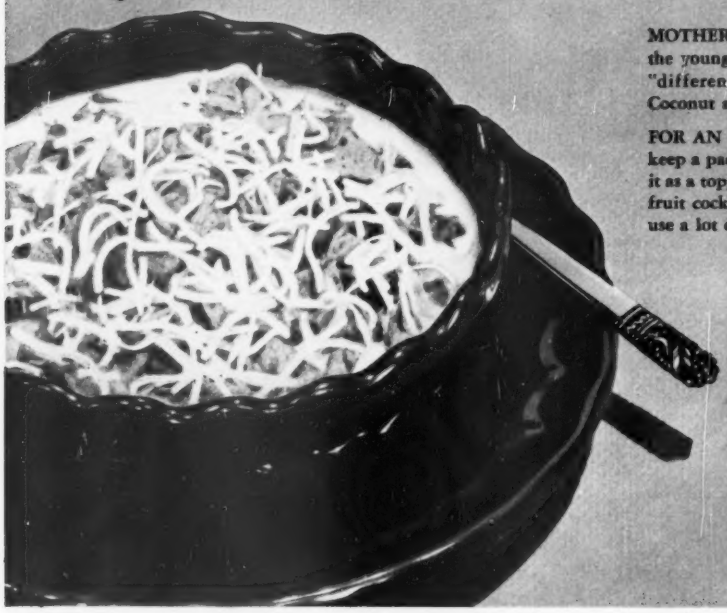
Insert a meat thermometer so bulb is at center of the roast. In this cut of pork you'll probably need to put the thermometer at an angle. First, make a hole for the thermometer with a sharp skewer

Place fat side up in an open roasting pan. You won't need a rack since curve of bone keeps meat off bottom of pan. Fat acts as self-baster

Roast uncovered in a moderately slow oven (325° to 350°) 35 to 40 minutes per pound or until meat thermometer registers 185°. For average-sized pork roast, set the oven at 350°. Remove the backbone before serving

Recipes on page 136

Morning Magic with Coconut!



MOTHERS—HERE'S A SLICK TRICK to encourage the youngsters to eat their cereal. Small fry love the "different"—the *new*—flavor that Durkee's Shred Coconut adds to their cold cereal favorites.

FOR AN EXCITING FLAVOR-LIFT in *many* dishes, keep a package of Durkee's Shred Coconut handy. Try it as a topping for oranges, grapefruit or your favorite fruit cocktail. And here's a money-saving tip:—if you use a lot of coconut buy the economical 8 ounce bag.

THE SPICE IN YOUR LIFE!

by Virginia Coates

SPICE COOKERY has come into its own! Good cooks know a pinch of flavorful seasoning turns a tired dish into a *tantalizing* treat!

START A SPICE CHEST from the chart on this page. These spices are "musts" for good day-to-day seasoning. Of course, there are dozens of others you will want to add and learn to use. I suggest you try marjoram next . . . then thyme, basil, mace, and oregano. And don't overlook Durkee's specialties . . . Apple Pie Spice and Pumpkin Pie Spice . . . for that "just right" taste in pies and other desserts.

CHECK UP AND STOCK UP your spice assortment often. It's budget-wise to replace half empty tins which are out of date and out of flavor. After all . . . there's no point in adding a spice to any food unless it contributes its full, zestful savor.

Write for a free copy of this chart... Virginia Coates, Durkee's Famous Foods, Dept. G-10, Elmhurst, Long Island, New York.

Lady... Look to Your Spices!

paprika
Sweet Red Pepper, Ground. Mild flavor, gay garnish for chicken, fish, salads.

cinnamon
Peeled Bark, Whole or Ground. *Stick:* In drinks, stewed fruit. *Ground:* In desserts, cakes, pies.

celery seeds
Tiny Savory Seed. In soups, or wherever celery flavor is desired.

mustard
Seeds: Used in Pickling. *Ground:* In salad dressings, and for medicinal uses.

pickling spice
Assortment of Whole Spices. For pickling, relishes; or in marinated fish, stews, beets.

flavor salt
Complete blended seasoning containing miracle ingredient M.S.G. Works wonders on soups, gravies, vegetables, meats.

poultry seasoning
A Balanced, Savory Blend. Especially good in bread stuffing for turkey, chicken.

rosemary leaves
Sweetish, Pinelike Herb. In many Italian dishes; in poultry stuffing, cauliflower.

parsley flakes
Green Parsley Leaves, Dried Garnish for soups, stews, vegetables, salads.

nutmeg
Nutlike Kernel. If whole, grate as needed. Use ground in baking; on custard.

onion salt
Pungent Bulb, Powdered, Salted. Convenient way to get aroma and flavor of onion.

garlic salt
Scented Bulb, Powdered, Salted. Convenient way to get tangy garlic flavor and aroma.

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THE FAMOUS DRY MUSTARD USED BY FINE COOKS EVERYWHERE

Quick main dishes with dried beef

By Tasting-Test Kitchen Staff

Creamed dried beef is easy to fix. You can have it ready for the table in the time it takes you to make a simple white sauce. You can dress it up with different flavors and foods or just serve it plain.

Keep a jar or package of dried beef on hand for busy days. These picture directions show you how to make creamed dried beef and four variations.

More recipes on page 258

1. Tear 1/4 pound dried beef into pieces. Cook lightly in 1/4 cup melted butter or fortified margarine over low heat

2. Push dried beef to one side of skillet. Add 1/4 cup enriched flour, blend well. Add 2 cups milk. Stir till thick

3. Add 1/8 teaspoon pepper. Serve over toast. Supper's ready, and in 15 minutes after you opened the package

Dried Beef a la King. Cook 2 tablespoons chopped green pepper with dried beef in butter. Make a white sauce as shown above. Add 2 tablespoons chopped pimiento; heat. Serve in crisp, fried noodle-baskets

Corned Beef and . . .

WITH THAT SPECIAL FRENCH'S FLAVOR

Savory corned beef and cabbage . . . one of America's favorite dishes! And with it—America's favorite mustard! The blend of fine spices and vinegar in French's brings out *all* the delicious flavor of the corned beef, adds just the zest it should have. Make a hit with the men of the family—serve this delectable corned beef platter for dinner tonight!

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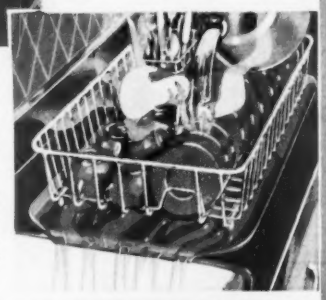

SCALD YOUR DISHES—Look . . . even silverware stands upright for fast draining in your Rubbermaid Deluxe Dish Drainer. It holds more dishes . . . and neither soap nor hottest rinse water softens the cushion-coating that saves your dishes.

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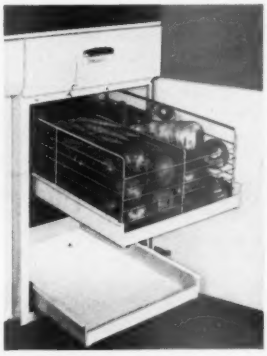
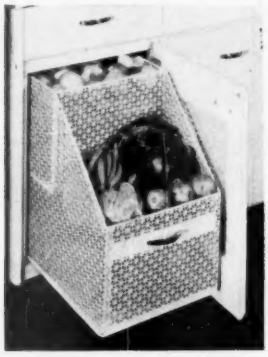
Where do you put

Vegetable bins can be built over counter beside sink, using wasted space. Bins above are part of a kitchen designed by U.S. Bureau of Home Economics. If you wish blueprints of kitchen, including bin detail, ask extension bureau of your state agricultural college for plan 7100

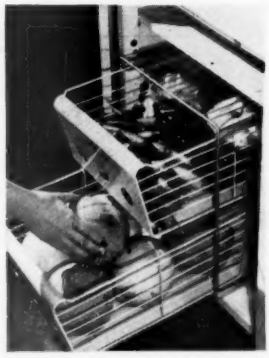


Wire bin has partition to separate kinds of vegetables or fruit. Bin fits onto sliding shelf that pulls completely out. Sliding shelf without the bin (below) is available, is ideal for pans



Vegetable storage cabinet has door with grill panel and bin made of open meshwork metal for thorough ventilation. Bin pulls out on roller bearings, has two roomy sections, sloped front

Triple-deck vegetable trays in this cabinet have grilled bottoms for ventilation, slide out for easy inventory. Trays are part of 18-inch-wide cabinet unit with a tool drawer at the top



Vegetable bins in portable rack fit into most kitchen cabinets. Open wire sides of deep drawers provide free ventilation. You can buy the racks with one, two, or three of these drawers

vegetables and fruit?

- These storage units reduce spoiling
- They keep cabinets neat
- They make your kitchen handier

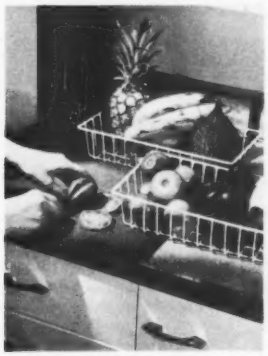
By Janice Price

Do you have a place in your kitchen to keep potatoes and onions? A handy place for apples, oranges, and grapefruit when you buy too many to put in the refrigerator? If you leave them in the sack for want of a better place, this is for you. Or if the drawer or bin you've been using isn't ventilated to prevent sprouting of onions and potatoes, here are better storage spots.

If you're getting a new sink or new cabinets, many have vegetable storage units installed in them. Or you can buy portable drawers, bins, and baskets ready to go into any available space. And if you're handy with a hammer, there are vegetable bins you can make. All types are shown here.

Three-deck open bin may be kept in any free corner. Crosspiece you see in top section is a carrying handle. Here we are taking oranges from bin, as space has cleared in the refrigerator

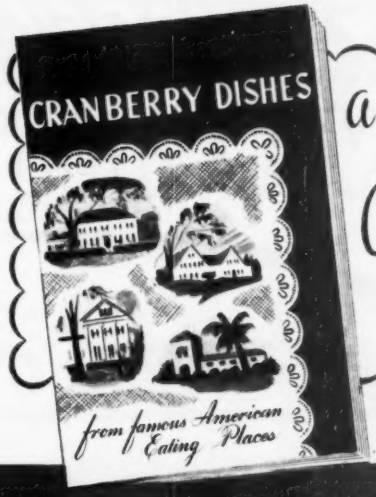
Perforated drawers come in a 12-inch-wide cabinet. Here the drawers hold carrots for tomorrow's dinner; lemons and oranges the refrigerator won't hold; and, of course, potatoes



Rubber-coated baskets won't scratch work or storage surface. They're handy to hold small amounts of fruit or vegetables in refrigerator, on cabinet shelf, on work counter, or at sink

Vegetable basket on sliding tray is sink-cabinet accessory. It has wire sides and a linoleum-lined bottom

More on page 101



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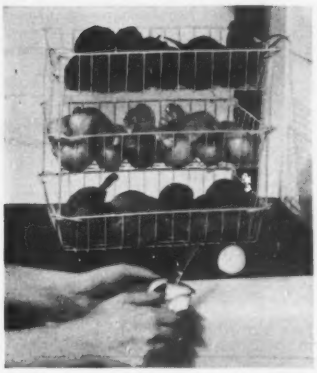
And new white Oxydol is truly safe . . . washable colors actually come out brighter.

What's more...as long as you use new *white* Oxydol your clothes will keep this new whiteness for the life of your clothes! Try it...today!

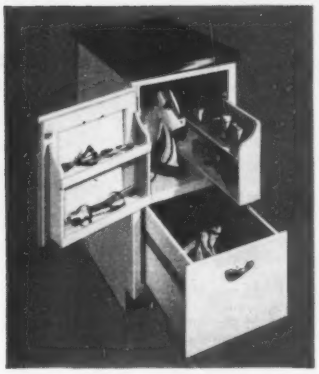
Where do you put vegetables and fruit?

Begins on page 98

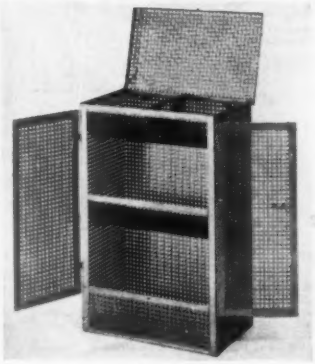


Tiered wire baskets may be kept on handy-to-reach shelf near sink, lifted to side of sink when you are ready to prepare vegetables. Supports are detachable so you may remove or add baskets, according to your needs. The baskets and detachable supports are available at office supply stores

Wire mailbox fastened on inside of sink door makes a well-ventilated, easy-to-install bin for potatoes. We bought this at an office supply store, sprayed it with enamel, and fastened it on inside of door with screws



Combination storage cabinet has deep vegetable drawer of 1½-cubic-foot capacity, with removable dust pan mounted beneath perforated metal bottom. Top compartment holds electric mixer and sliding shelf for spices. Rack on door holds egg beater and other utensils. Cabinet is 24½ inches deep, 32 inches high, 18 inches wide



Perforated vegetable bin permits thorough circulation of air. Under lid are two shallow sections for onions or small batches of other vegetables. Two sections below hold potatoes, large batches of other vegetables or fruit. The bin comes in two sizes: the smaller, 30 inches high, 19 inches wide, 12 inches deep; the larger bin, 32 by 42 by 16 inches

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De-licious desserts

Begins on page 60

in each square; sprinkle generously with additional sugar and spices; dot with butter; fold corners; pinch edges. Top with pastry leaves. Place 1 inch apart in greased baking pan. Pour over sauce. Bake in moderately hot oven (375°) 35 minutes. Top with a maraschino cherry. Serve hot with cream.

Steamed Pudding

Except for the suet, you'll probably have everything on hand—

- 1 cup finely chopped suet
- 1 cup fine, dry bread crumbs
- 1 cup dark corn syrup
- 2 beaten eggs
- 2 cups enriched flour
- ½ teaspoon salt
- 2 teaspoons baking powder
- ¼ teaspoon soda
- ½ cup sugar
- ½ teaspoon each nutmeg, cloves, and allspice
- 1 teaspoon cinnamon
- ¾ cup milk
- 1½ cups seedless raisins
- ¼ cup chopped California walnuts

Combine suet and crumbs; add syrup and eggs; blend. Sift dry ingredients; add alternately with milk. Add raisins and nuts. Fill well-greased 1½-quart mold two-thirds full. Cover tightly. Steam 2½ hours. Serve hot with Creamy Hard Sauce. Garnish with orange slices and walnut halves.

Peacherino Tarts

They look fancy, but they're not fancy to make—

- 1 No. 2½ can peach halves
- ¼ cup melted butter or fortified margarine
- ½ cup brown sugar
- 2 tablespoons enriched flour
- ½ teaspoon mace
- ⅛ teaspoon nutmeg
- 2 teaspoons lemon juice
- 6 baked tart shells, cooled

Drain peaches; slice 3 or 4 halves. Combine butter, brown sugar, flour, and spices. Measure 1 cup syrup from peaches. Add to sugar-flour mixture. Cook until thick, stirring constantly. Add lemon juice and sliced peaches. Fill tart shells with sauce; top with peach halves. Fill peach halves with tart jelly. Whip 1 cup heavy cream and add ¼ teaspoon nutmeg. Serve with peach tarts.

Pumpkin Pie

We give you two choices in spice measures—

- 1½ cups cooked or canned pumpkin
- ¾ cup sugar
- ½ teaspoon salt
- ½ to 1* teaspoon ginger
- ¼ to ½* teaspoon nutmeg
- ¼ to ½* teaspoon cloves
- 1 to 1¼* teaspoons cinnamon
- 3 slightly beaten eggs
- 1 6-ounce can (¾ cup) evaporated milk
- 1 cup milk
- ½ recipe Plain Pastry

Combine pumpkin, sugar, salt, and spices; blend. Add eggs and milk. Mix thoroughly. Pour into 9-inch pastry-lined piepan. Bake in hot oven (450°) 10 minutes, then in moderate oven (325°) about 50 minutes, or until mixture doesn't adhere to a knife. With the first measure (½ teaspoon ginger, ¼ teaspoon nutmeg, etc.), you get a golden, mildly spiced pumpkin pie. With the starred measure (1 teaspoon ginger, ½ teaspoon nutmeg, etc.), you get a more richly spiced pumpkin pie. Either is delicious. Top each with a cheese pumpkin.

Cheese Pumpkins

Cut cubes of soft American cheese. Form in shape of pumpkin. Mark ridges with dull edge of knife. Stick in a whole clove for the stem. Bud end of clove is down. If cheese is too firm, grate it, then shape the pumpkin.

Nut Torte

Crunchy walnuts in the cake part and slivered almonds sprinkled over the whipped-cream topping—

- 3 egg yolks
- 1 cup sugar
- 1 cup graham-cracker crumbs
- 1 teaspoon baking powder
- ¼ teaspoon salt
- ½ cup chopped California walnuts
- 1 teaspoon vanilla
- 3 stiff-beaten egg whites

Beat egg yolks until thick and lemon-colored; gradually add sugar and continue beating. Stir in cracker crumbs, baking powder, and salt; mix well. Add walnuts and vanilla. Fold in stiff-beaten egg whites. Pour into 9-inch layer pan. Bake in slow oven (325°) 40 minutes. Cool. This makes one layer. To match picture, page 61, make 3 layers. Spread whipped cream between layers and spoon on top. Sprinkle with toasted almonds.

Baked Pears

You make the pears blush with red food coloring—

- 6 pears
- ½ cup brown sugar
- ¾ cup water
- 2 or 3 strips of lemon peel
- 2 tablespoons lemon juice
- Few grains salt

Wash pears and cut out blossom ends, but don't pare or remove stems. Place upright in a large, deep baking dish. Mix remaining ingredients; pour over pears. Cover. Bake in hot oven (350°) 1 hour, or until tender but not mushy. Remove skins. Serve warm or cold, with bar cooky (see recipes on page 74) and frosted grapes.

Note: Brush pears with diluted red food coloring for pink blush. To frost grapes, dip each bunch in slightly beaten egg white, then in granulated sugar; let stand.

Old-Time Gingerbread

Rich and spicy, high and tender—

- ½ cup boiling water
- ½ cup shortening
- ½ cup brown sugar
- ½ cup molasses
- 1 beaten egg
- 1½ cups enriched flour
- ½ teaspoon salt
- ½ teaspoon baking powder
- ½ teaspoon soda
- 1 teaspoon cinnamon
- ½ teaspoon ginger

Pour water over shortening; add sugar, molasses, and egg; beat thoroughly. Add sifted dry ingredients; stir smooth. Pour into greased 8-inch square cake pan. Bake in moderate oven (350°) 35 minutes. In less time but with delicious results, you can prepare packaged gingerbread mix according to directions on package. Serve with sliced bananas or Orange Frosting.

Orange Frosting

Blend 3½ cups sifted confectioners' sugar, ¼ cup each melted butter and orange juice, 1 tablespoon cream, and ⅛ teaspoon grated orange peel. Decorate with diamond cutouts of orange peel.

Doris Baker
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SEALS OF APPROVAL

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Fix sweet potatoes new ways

By Frances O'Connor

Sweet-Potato Casserole. A whole meal in a casserole. This calls for sliced sweet potato. Alternate layers of sweet potato and crushed pineapple. Or substitute thin apple slices for pineapple. Topper is pork sausage patties. A fine blend of flavors for an easy autumn one-dish meal

Sweet potatoes are right in tune with your autumn meals. Use them often—whipped or baked with a big square of golden butter melting invitingly on top.

Or try the easy dressups suggested here. Toasted sweet-potato croquettes have a marshmallow in the center; the French fries are crispy outside to contrast with the steamy centers. Sweet-potato boats sail to the serving plates laden with a cranberry-raisin-nut filling; the sausage casserole is ready to serve less than an hour after it's put together. A suggestion of orange flavor makes the candied sweets something special. Serve this flavorful, vitamin-rich vegetable any one of these ways.

Recipes on next page

Toasted Croquettes. Shape cooked sweet potatoes in serving-size balls around a marshmallow, a couple of California walnut halves, or a cube of pineapple. Roll in crushed corn flakes and toast in oven 15 minutes while ham slice bakes. Or dip in egg, then in crumbs, and fry in deep fat

Sweet-Potato Boats. Cook sweet potatoes until just tender. Cut in halves and spoon out 2 or 3 teaspoonfuls of pulp to make room for stuffing. Fill centers with a mixture of ground cranberries, raisins, and walnut meats; sprinkle boats with brown-sugar mixture for shiny glaze

French-Fried Sweet Potatoes. Cut uncooked sweet potatoes into ½- to ¾-inch strips, soak in cold salt water for a short time, drain, and dry between towels. Fry in deep hot fat (365°), until browned, 3 to 5 minutes. Drain; sprinkle with salt. Good eating with pork chops, steaks

Orange-Candied Sweet Potatoes. Candy-like glaze with orange flavor is simple. You can do this on top of range in same pan the sweet potatoes cook in. Spoon syrup over potatoes frequently and handle gently for firm but tender candied sweets. Remove from heat as soon as glazed

in 1 hour

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Fix sweet potatoes new ways

Begins on preceding page

Sweet Potato-Sausage Casserole

5 medium-sized sweet potatoes
1½ cups drained crushed pineapple
¼ cup pineapple syrup
½ teaspoon salt
1 pound bulk sausage
½ cup cracker crumbs
1 beaten egg
1 teaspoon salt
⅛ teaspoon pepper

Cook sweet potatoes until partially tender. Pare and slice. Alternate layers of sweet potato and pineapple in well-greased 1½-quart casserole. Top with sweet potatoes. Season with ½ teaspoon salt. Pour over pineapple syrup. Combine remaining ingredients. Mix well. Shape in thin patties. Brown lightly. Arrange on top of casserole. Cover. Bake in moderate oven (375°) 40 minutes. Uncover. Bake 10 minutes. Serves 6.

Toasted Croquettes

2 cups mashed sweet potatoes
1 teaspoon salt
⅛ teaspoon pepper
1 teaspoon brown sugar
1 teaspoon lemon juice
6 marshmallows
¾ cup cereal flake crumbs

Blend mashed sweet potatoes and seasonings. Shape in balls around marshmallow. Roll in crumbs and brown in moderate oven (350°) 15 minutes. Or dip in egg, then crumbs, and deep-fat fry. Makes 6.

Sweet-Potato Boats

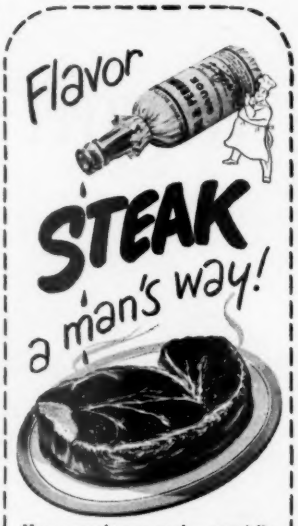
3 large sweet potatoes
1 cup fresh cranberries
¼ cup raisins
½ cup California walnuts
¼ cup granulated sugar
1 teaspoon grated orange peel
3 tablespoons butter or fortified margarine
⅓ cup brown sugar
½ teaspoon salt

Cook sweet potatoes in boiling, salted water until just tender. Remove skins. Cut in half lengthwise. Spoon out centers of sweet-potato halves. Put cranberries, raisins, and walnuts through food chopper, using medium blade. Add ¼ cup granulated sugar. Mix well. Fill sweet-potato halves. Combine butter, brown sugar, and salt; blend. Sprinkle over tops of sweet potatoes. Bake in moderate oven (350°) 30 minutes. Serves 6.

Orange-Candied Sweet Potatoes

6 medium sweet potatoes
½ cup boiling water
2 teaspoons salt
3 tablespoons butter or fortified margarine
1 tablespoon orange juice
½ tablespoon grated orange peel
¾ cup light or dark corn syrup
¼ cup brown sugar

Pare and halve sweet potatoes. Add boiling water and salt. Simmer in covered skillet until tender, about 15 minutes. Drain off liquid, leaving ¼ cup in skillet. Dot potatoes with butter. Combine remaining ingredients. Pour over potatoes. Cook uncovered over low heat until glazed, about 15 minutes. Baste frequently; turn potatoes once. Serves 6.



How a man loves a *steak* — especially with the *richness* rounded out by zesty Lea & Perrins Sauce! Use one part Lea & Perrins to 3 parts melted butter. Keep a bottle of Lea & Perrins handy for table use, too. Let the man-in-your-house season to his *taste!*

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THE ORIGINAL WORCESTERSHIRE

A favorite for over 100 years

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in table fashion ...
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to meet your fondest dreams ...
fashioned with all the skill
of the age-old art of
silversmithing . . . to live . . .
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WARM-DRY
ESKImitts
more snow fun!
less chap and sniffles

Add to your children's winter enjoyment with ESKImitts, double fleece-lined neoprene-coated mittens. Keep hands dry, toasty warm. Knit wrists fit snug, keep snow out. Help prevent chapped hands, winter sniffles. Attractive bright red, outwear wool mittens. Ask for water-proof ESKImitts at children's wear counters or send us $1.25 per pair and pencil outline of child's hand for size.

The Pioneer Rubber Company, 502 Tiffin Rd., Willard, O.

TESTED AND COMMENDED by PARENTS MAGAZINE INSTITUTE

Guaranteed by Good Housekeeping

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AMAZING OFFER — $40 IS YOURS
For Selling Only 50 Boxes Christmas Cards
Also 50 and 25 for $1.00 with or without name. Free samples. Other boxes on approval, including entirely new, different deluxe assortment with feature television card. Cute plastic assortments. Write today. It costs nothing to try.
CHEERFUL CARD CO., Dept. V-8, White Plains, N.Y.
FREE SAMPLES

School can wait!

Begins on page 17

justify keeping a youngster home from school. They send him off to mix with his classmates—and an epidemic of measles may be started.

School nurses attempt to discover these incipient cases, and to send the youngster home. Too often, however, they don't notice Billy's symptoms before he has infected Freddie.

Perhaps you have gone on the assumption that if an illness is serious enough to warrant keeping your boy or girl home from school, there will be a rise in temperature. Unfortunately, fever is not an infallible guide. Often it does not develop until a youngster has infected others.

How long should an ailing child be kept away from other children? Opinions vary, but not too widely. A youngster with cold symptoms usually gives ample evidence within 48 hours whether or not he actually has a cold. Or he will have developed other symptoms within that time if he has something else. And, equally important, such an isolation period keeps him from spreading any infectious disease when the danger of contagion is at its highest. Measles, whooping cough, and other contagious diseases are usually controlled by quarantine. The quarantine is the *minimum* period for which your child must be isolated. Your doctor may lengthen the period if he thinks it advisable.

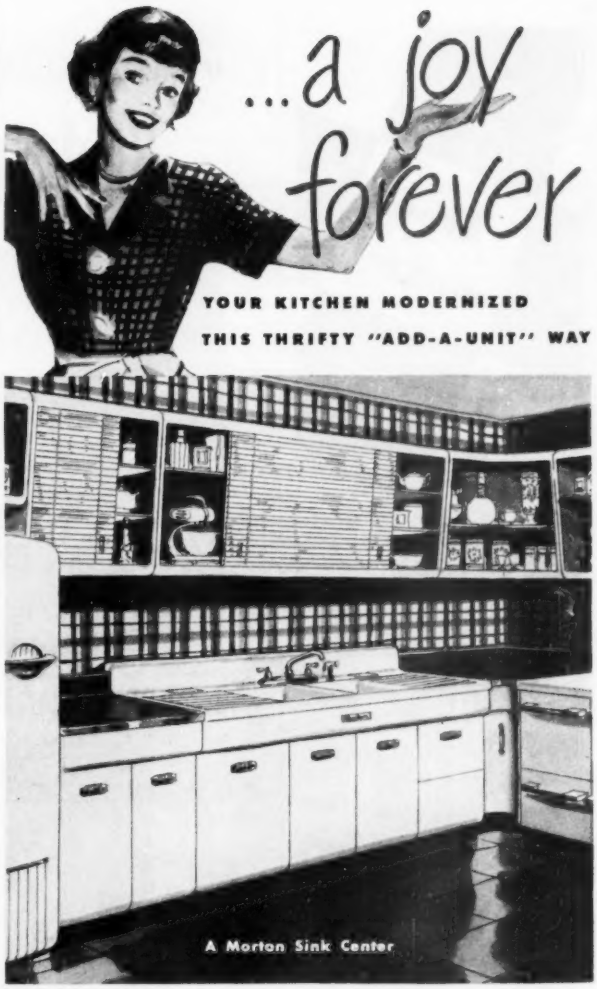
The next time Susie or Johnny starts the day with a sniffle, a raw throat, or a nagging cough, don't shrug it off as "just a cold." Remember that these symptoms are a warning to watch your boy or girl carefully—and to safeguard other youngsters by keeping yours away from them. If you knew that this was a prelude to—let us say, measles—would you send Johnny to school? Probably not. Yet the protection of other people's children and prevention of epidemics in your community depend to a large extent upon your handling of apparently *minor* conditions.

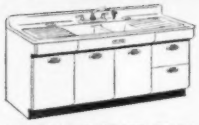
You would not want to think that *your* boy or girl gave little Mary Williams the cold from which her pneumonia developed. Or that Eddie Johnson's rheumatic fever developed from a sore throat he caught from your Johnny.

One-sided experts

All our friends give advice
About kitchen and dormer,
Insist that brick walls
Will keep us much warmer;
Adding rooms to the house,
Adding stone to enhance it—
Not ONE of them says
He'll help to finance it!

—*Lenore Eversole Fisher*





MORTON CABINET SINK

MORTON PANTRYETTE
with sliding glass doors

A beautiful, new, all-metal Morton Cabinet Sink—with a handy *Pantryette* above it—will be a grand start toward the kitchen of your dreams. Later, add other Morton Pantryettes and Base Cabinets separately . . . fit them together in the exact arrangement you desire. In this easy way, you can have a lovely modern kitchen, even on a modest budget.

You'll find plenty of usable storage space in the "contour-front" Cabinet Sink, with its handy drawers and shelves; your *Pantryette* (a Morton exclusive) saves time and steps—its fluorescent *Totalite* throws light *up* through the shelves, and *down* onto the working surface!

Refurnish without rebuilding!

Morton Mfg. Co., 5125 W. Lake St., Chicago 44, Ill.
Send me FREE picture folder describing Morton Products.
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Street.....
City & State.....

Ask nearest Kelvinator or Leonard dealer about Morton's "add-a-unit" way to modernize your kitchen . . . also, ask to see the new Electro-Drain, Rotashelf—other Morton specialties.

Morton

toward
buying hardware . . .
unless you are sure it's
quality hardware

Few parts of your new house will get as much hard service as the door, window and cabinet hardware. Your house literally *moves* on its hardware.

To save money now and avoid disappointment later, read the valuable tips on hardware selection in YALE's handy 8-page booklet. Send only a dime.

And when you reach the point of *specifying* hardware, tell your architect, builder or hardware dealer: YALE—first choice for generations. Look also for the tag the builder hangs on the front door—"YALE—the Sign of a Well-Built House." THE YALE & TOWNE MANUFACTURING COMPANY, Stamford, Conn., U. S. A.

YALE
HARDWARE
Sign of a Well-Built House

Whatever your job or hobby, you'll like these

Bookshelves designed for men

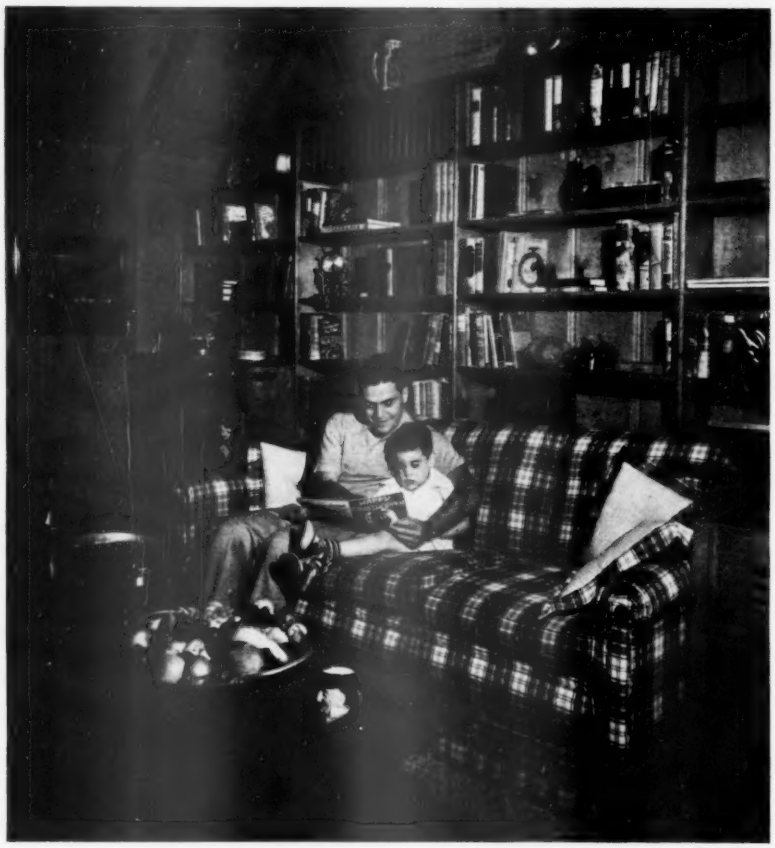
For hobby fun, fill shelves with books about your hobby. These shelves hang on wall; cabinets under them keep tools dust-free. Decorator, Anne Phillips

By Frank Fletcher

When a man designs his own bookshelves, he has usefulness and practicality in mind. The shelves may fill a wall or a corner (if he has a lot of books) or they may take only a few feet of space. A man's design may include a desk for after-hours work or an easy chair for evening reading. But in any case, his bookshelves will be sturdy, simple—and functional.

Here are three man-tailored bookshelves. They are, you will notice, good-looking enough for a living room, though they're businesslike enough for a home office. Which one fills your needs?

More on page 110



For reading comfort, follow this formula: Plan a wall of shelves to hold books. Get a sofa that's big enough for you to stretch out on. Then find an old chest (like the one at left) to store Cokes and evening snacks

A SINK FOR ANY TASTE

PRICED FOR ANY BUDGET

...See Your CRANE Dealer

For only a few dollars a month you can have the luxury, convenience, and comfort of a modern Crane kitchen.

Why not start your kitchen modernizing plan by installing a new sink? You will find just the one best suited to your family's needs in the complete Crane line.

Think of what the time-saving, step-saving advantages of a Crane sink will mean to you! Finest porcelain enamel fused on a base of solid cast iron—dirt washes away at the touch of a damp cloth, leaving the surface gleaming and spotless. Depressed drainboards keep water from surging over the rim. Retractable hose spray reaches every corner of the sink. A swinging mixing spout gives tempered water. *Dial-ese* faucets operate at a finger's touch. Steel cabinets give ample storage space and have a toe recess for comfort.

Call your Crane Dealer today! Let him show you the Crane sink ideal for your kitchen—tell you how little it will cost on a monthly budget plan.

THE HOMEMAKER—*This compact sink has a single basin and single drainboard. 42 inches wide—ideal for small kitchens. Outlet accommodates General Electric Disposall.*

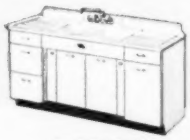
Send 10 cents for the Crane booklet, "Planning Ideas for Bathrooms and Kitchens," containing valuable ideas and suggestions to help you plan these important rooms.

Just the sink for your kitchen

In the wide range of sinks Crane offers, you will find a size to fit every kitchen—a price to fit any budget. See your Crane Dealer.

ALL-AMERICAN
38 in. wide
(For Counter-top Installation)

KITCHEN PRIDE
38 in. wide



KITCHEN QUEEN
72 in. wide

SUNNYDAY
54 and 60 in. wide

CRANE

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Generous, Allover Ripple-Quilting Makes The "Quilted Wreath" A Generous

Needletuft® Value!

The Rippletuft is so lavishly applied to the background that our designers call it "ripple-quilting;" the bedspread thus captures the surface effect as well as the motif of the lovely Colonial quilt which inspired it. The wreath is embroidered in Punchwork, its gay colors (predominantly rose, blue or gold and green) repeated in graceful scalloping and the companion cotton petit-ruffle. About $17.95 at all good stores. Other tremendous values in Needletuft Bedspreads from about $8.95—all of them preshrunk, a joy to wash because they never need ironing. Ask to see them. Cabin Crafts, Inc., Dalton, Georgia.

Mail the coupon for the new Needletuft Folio of Ideas, "Inspiration for Decoration"

Cabin Crafts, Inc., Dalton, Georgia Dept. BH 10

Please send me your Folio of Ideas . . . .

NAME _____

ADDRESS _____

CITY _____ STATE _____

Bookshelves designed for men

Begins on page 108

For serious researching, you'll need enough shelf space to store your whole law or history library. Cupboards below these corner shelves hold important papers and notebooks. Table-top desk is placed at right angles to make it more convenient to use books on the side shelves

For spreading out papers and magazines, you'll want to include a wide desk in your shelf design. Here's one that will fit smoothly under a pair of windows. It's sturdy enough to hold your typewriter. Shelves at either side of the windows will store your books, magazine stacks, and papers

For casual reading, use part of your living room as a book corner. Staggered shelves create an interesting line against the wall. Closed cupboards below the shelves keep games and records out of sight. Notice the easy chair, and the side table that's the height of the chair arm

Make it all come true . . . your dream of owning the perfect carpet!

See your Bigelow dealer—for carpets styled to your taste, priced to your pleasure!

LET YOUR IMAGINATION run wide and handsome when you're thinking about the kind of carpet you *really* want. And you're pretty sure to *find it*—wearing a Bigelow label.

Do you prefer clear, bold modern colors? Melt-in-your-mouth pastels? Neutral shades? Your Bigelow dealer has them—in tempting textures.

Like large patterns? Small patterns? Your Bigelow dealer has them—modern and traditional.

Do you know exactly what you want to pay? Price needn't stop you. Every Bigelow price range, from $5.50 up to $17.95, gives you an exciting choice.

It's wonderful to watch your Bigelow Carpet keep young and lovely, year after year.

It's delightful to walk on it, mile after mile, and to notice how the luxurious soft texture remains unchanged. It's made of choice imported wools, treated to hold their strength and "liveliness."

So—fall in love with a Bigelow. You'll go on admiring it, and it will go on looking wonderful.

Above: A beauty with a special talent for "taking it," Glentwist 204-94922. Permaset by a Bigelow process to retain its texture. About $9.95 a sq. yd.*

Right: Bigelow's Fervak 1020-9428, in a subtle scheme of beige, green, and rosy-rust tones. The nice price—about $6.95 a sq. yd.*

Below: Bigelow's Beauvais 1040-1826, inspired choice for a bedroom—or any room in the Provincial style, so popular today. About $8.95 a sq. yd.*

*Slightly higher in the West

Consult the booklet, "Bigelow's Home Decorator" on colors, color harmony, decorating styles. Tells, *shows* how to achieve beautiful rooms. Get it from your Bigelow dealer, or send 25¢ to Bigelow's Home Service Bureau, P. O. Box 398, New York 46, N.Y.

LIVELY WOOL SPRINGS BACK UNDERFOOT

Bigelow
Rugs and Carpets

Beauty you can see . . . quality you can trust . . . since 1825

MRS. MARTIN O'SHAUGHNESSY, Chicago: "Sure, I tried those other glass cleaners. What a time I had rubbing that dust out of the corners of my windows! I'm going back to Windex Spray—for good! It's nice and simple to use, and best of all, it cleans glass beautifully!"

MRS. JOHN LYNN, Cincinnati: "I've tried them all! Only Windex Spray makes glass-cleaning really easy. I like it because it isn't messy, doesn't leave any dust on the windows. Those other cleaners cost up to four times as much, too. Windex Spray is the *real* bargain!"

MRS. RITA LYNK, Skokie: "I looked at the mess other cleaners made on my window sills and hands and said: "No more for me! I'm going back to Windex Spray! It's the best way to clean glass and also the least expensive!"

Copr. 1949, by The Drackett Co.

WINDEX *Spray*® 6-ounce bottle still only **15¢**

Available in Canada • *Even thriftier in the 20-ounce size.*

Quilt it yourself

By Kay Hardy

You can achieve the custom-made smartness of quilted slipcovers and bedspreads with your own sewing machine. It's fun to do, and you'll be surprised how fast the work goes.

Before you start, cut your material as required for the spread or slipcover you are making. Then decide on the quilting pattern.

A print material, such as a large floral, is loveliest if you first outline the main part of the design, then fill in the background with curlicue quilting. This isn't hard—just turn the fabric as you stitch to make shapes like pieces of a jigsaw puzzle. The lines of stitching may cross one another, or swirl in and out like a brook meandering to the river.

If you're using plain fabric, you will need a more definite design. There are many transfer patterns available which can be ironed onto the right side of your material, then wiped away when the quilting is done. Or make up your own design and apply it to your material with chalk or basting threads. (Pencil marks can be removed only by laundering.)

Don't feel you must choose an intricate pattern. This chair proves how attractive simple swirls can be.

Next, combine your three layers of material: backing (lining sateen, unbleached muslin, or an old sheet) on the bottom, then cotton quilt wadding, and finally your fabric for the finished side. Under layers may be cut to shape now from the same pattern you used for the top piece, or you may wait and trim away excess after the quilting has been done. Now baste all three layers together at regular intervals. Basted together, the layers will be easier to handle as you quilt—and you won't have to worry about wrinkles.

There! You're ready to quilt the pattern you have marked. From here on quilting is as simple as sewing a seam.

To make quilting even easier, you can buy a quilting attachment for less than a dollar. It has an arm that can be set to any width to keep each row of stitching an even distance from the last one. Ask your local sewing center for an attachment to fit your make and model of machine.

How to cover a headboard, page 115

Mansion House

designed with rare authority in

Heirloom Sterling

Color dramatics! Brilliant Mansion House on bright black, persimmon plates, and a garland of white carnations.

Solid silver makes solid sense It won't wear out—even after a hundred years' use. And a place setting's price is so modest—no more than you might spend on a handbag. Yet solid silver is so much *more* than merely practical! Here's what it says: "This is a home with stability . . . where there's love, beautiful living . . . a looking ahead down the years."

Don't put off building your family heritage of sterling. You can start today with two magnificent Mansion House* place settings—6 pieces in each. Then add more later on . . . as you wish. Easy payment terms. And ask your jeweler to show you the handsome serving pieces that will complete your set. (At right: other timeless Heirloom Sterling patterns.) *Trade Mark. © 1949, Oneida, Ltd., Oneida, N. Y.

for a PALACE-SIZE kitchen—

Lucky you, with a kitchen big enough for a little living . . . because this hospitable set was made for you! The table is tidily topped with Daystrom's own plastic, made for hard wear and easy care. It's wonderful how it shrugs off stains, scratches and scars! Two center leaves drop in to seat eight easily. The spring-seated chairs are richly upholstered in Duran. All Daystrom furniture is superbly designed in sleek, shining chrome, *electroplated* on sturdy steel. Table, 4 chairs, about $159.50*. Step-stool, about $9.95*.

or a PINT-SIZE dinette!

Here's a cheerful nook with a livable look, for folks who haven't space to spare. The trim little table has two extension leaves that zip open for extra room. Yes, every inch of Daystrom furniture is washable. A swish of a damp cloth cleans the plastic top, keeps chromed surfaces shining as sixpence and the Duran breezily bright. At furniture and department stores throughout U. S. and Canada, marked "Daystrom." Table, with 4 chairs, $104.50*. Other Daystrom sets from $49.95* to $169.50*.

** Slightly higher in West and South. Subject to change without notice.*

• Don't worry! All Daystrom table tops are laminated plastic —resist heat, scratches, stains, even burning cigarettes!

-it's DAYSTROM furniture!

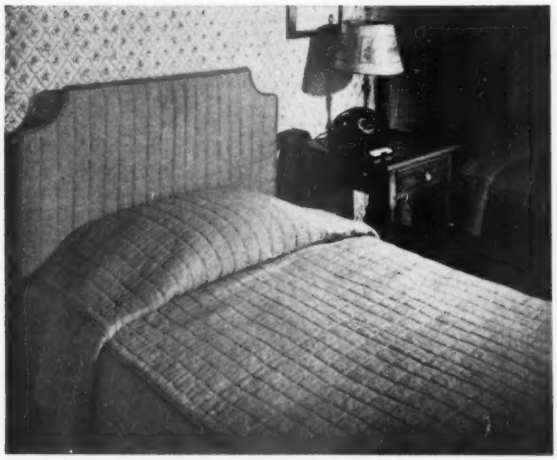
Furniture for casual living— featured by stores from coast to coast.

Daystrom Corporation, Olean, N.Y. Daystrom Pacific Corporation, Pasadena, Calif.

AN ATF ASSOCIATE

Quilt it yourself

Begins on page 112



Headboard slipcover—here's how to make it

Slip a quilted headboard cover over your bed—and make the bed a part of your color scheme. Quilt the material you used in your draperies. Or pick a plain fabric that echoes a color in the walls or rugs. Either way, choose washable, colorfast material.

You'll need enough material to cover both the front and back of the headboard, plus a long, narrow boxing strip. For economy you may use lining sateen for the back side. It is better to have both sides alike, however, so the cover can be turned around when one side shows signs of soil or wear.

Your first step is to cut a paper pattern. If your headboard is removable, the job is easy. Lay it on a piece of wrapping paper and draw around the edge with a pencil or crayon. If the headboard is stationary, use thumbtacks or gummed tape to hold paper in place while you draw the outline.

Cut out the pattern, leaving ½-inch seam allowance on all sides. Both back and front pieces may be cut from this pattern. The front should be long enough to tuck behind the mattress, plus 1½ inches for hem. The back may be the same length, or may extend to the side rail, or even to the floor.

If you have chosen a printed fabric, center the pattern on your material. If you are slipcovering a double bed, or if your material is narrow, you will have to piece the front panel. Use a full-width section in the center, then add equal side panels to give necessary width.

Next measure the thickness of your headboard, front to back, with a ruler. Add 1 inch (half at either edge) seam allowance, and you have the width of your boxing strip. Measure carefully.

To determine the length of the boxing strip, hold a tape measure along the edge of your headboard. This strip will naturally have to be pieced from several strips of fabric. It is best to make piecing seams fall at corners or where the front panel of the headboard has been pieced.

Now you are ready to quilt the front and probably the back of the cover. Do *not* quilt the boxing strip. If the fabric is lightweight or ravels easily, cut an extra boxing strip of muslin. Baste this to the back of the boxing strip and handle as a single piece.

Baste welting or other trim around sides and top of both sections. Then baste in boxing strip.

At this stage, it is wise to slip the cover over your headboard for a last-minute fitting. If it pleases you, go ahead and stitch. Finish all bottom edges with a 1-inch seam.

Special problems

Attached headboard. Leave a slit between the boxing strip and the lower end of the front panel to allow the cover to fit well down between the mattress and the frame.

Hourglass figure. Cut the back section of the cover in two pieces, allowing overlap for a placket. Buttons, snaps, or slide fastener should be placed at the center of the back.

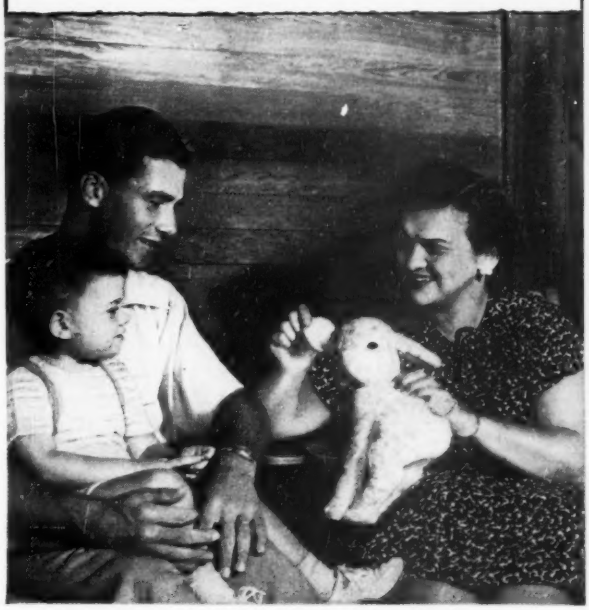
Beveled or upholstered headboard. Eliminate the boxing strip. Cut the front panel larger than the back to allow shaping darts.

Place the back of the cover against the back of the headboard, wrong side out. Pin the front of the cover at the center, letting it fall in front of the headboard. Working from the center out, pin in darts until the front fits the bed. Baste darts before you remove the cover for stitching.

How to cover a wastebasket, next page

"Satina makes my starched clothes 3 times easier to iron!"

WRITES MRS. JOHN J. JANDINSKI, JR., NORTHAMPTON, MASS.



"I HAVE OODLES OF COTTONS to wash and iron for my 2-year-old," writes Mrs. Jandinski. "Satina not only makes my starched ironing 3 times easier, but makes clothes stay fresh longer, too."

Satina is a wonderful ironing aid that you use with boiled or unboiled starch. It dissolves easily in boiling water or the boiling starch solution.

It not only makes ironing lots easier, it makes clothes *smell fresher, look newer,* and stay *clean longer,* too!

FREE FULL-SIZE PACKAGE

WE'RE SO SURE *you'll* love Satina, if we can just get you to try it once, that we're offering you a *free* full-size package. Enough for 4 big starchings. Just try it and judge Satina for *yourself!*

A PRODUCT OF GENERAL FOODS

SATINA, Dept. 124, Battle Creek, Michigan
Dear Sirs: Satina sounds good to me. Now I'd like a free full-size package to see how much easier it makes *my* starched ironing.

NAME _____

STREET _____

CITY _____ STATE _____

Satina users say: "Put SATINA in your starch! It makes starched ironing 3 times easier!"

Dress by Hannah Troy

"I found my Color Scheme Idea in a magazine... matched the paint colors this easy Color Recipe way!

I found a perfect room color scheme in one of the magazines. 'That's for me,' I said, 'but how to match the paint colors?' Then I read about wonderful Kyanize Color Recipes. That was the answer to my problem!

As it said in the advertisement, I went to the Kyanize dealer and asked for a free Color Recipe packet. In it were easy directions for mixing Kyanize paints to match the paint colors of the various rooms featured in practically all the current month's magazines. (And there are new Color Recipe packets issued for each month's magazines.)

So, with the Kyanize Color Recipe and Kyanize paints, I did a marvelous job. Why, Kyanize paint literally flows on without any brush marks. It *really is self-smoothing*. You, too, will find Kyanize Color Recipes are a wonderful decorating help!

Oh, how did my room come out? Just look below and see!"

Ask your Kyanize paint dealer for free Color Recipes. If he is out of them, send 10¢ in coin or stamps and your name and address (please print) to Boston Varnish Company, Dept. B-10, Everett Station, Boston 49, Massachusetts.

DECORATING'S EASIER WITH

Kyanize
Self-Smoothing
PAINTS
from Color Schemes to Finished Rooms!

1949 Boston Varnish Company

Here's how I redecorated!

Quilt it yourself

Continued from preceding page

Wastebasket slipcover—here's how to make it

Even the wastebasket can add something to a room's beauty if you dress it up in a quilted slipcover that matches your bedspread, draperies, or dressing-table skirt.

For a basket with straight sides, simply cut a strip of fabric 1 inch longer than the distance around your basket, and ½ inch wider than the height. (When two ½-inch seams have been taken off, this will leave the cover ½ inch shorter than the basket.)

For a basket that flares, you will need a curved strip. Roll the basket over a strip of brown paper, drawing the pattern as you go.

From this pattern, or from the dimensions for your straight-side basket, cut three pieces: one of the material you want on the outside of the cover, one of cotton stuffing, and one of lining sateen or muslin.

Lay these together, cotton in the middle, and baste around all four sides, ½ inch from the edge. Turn in raw edges on both ends before basting. Now crisscross bastings through the center about 4 inches apart. These will hold the layers firm while you quilt.

When quilting is finished, bind the top and bottom edges with contrasting bias strips or tape. These might match the sateen lining. Now try the cover on your basket and pin in the slide fastener so that it fits smoothly. (You'll need a slide fastener that is the same length as your slipcover. And be sure to get the kind that comes apart at the bottom.)

To prevent bulkiness, trim away ¼ inch of the cotton wadding that is exposed at either end. Sew the fastener firmly with two rows of machine stitching at each side. That's all there is to it!

BETTER HOMES & GARDENS

"I don't think the Smiths will be the same again even if they do get a house!"

So new... so lovely... so luxurious
SOFA and CHAIR by KROEHLER
Here is a truly unusual design . . . tailored in an entirely new, exclusive French-Knot Mohair Bouclé. The lovely crescent shaped sofa and chair are priced for modest budgets. Kroehler's own long-lasting Cushionized* Construction gives unmatched comfort. Ask for Kroehler at your favorite Furniture or Department Store.
WORLD'S LARGEST FURNITURE MANUFACTURER
KROEHLER
(Say KRAY-LER)
Furniture
Choice of 7 beautiful new colors

Jane's husband upsets ashes...

and Jane sets up a howl! Then stalks off for her vacuum, or a dust pan and broom. Meanwhile . . .

So does Jill's...

But she whisks up those ashes in jig time, with her Bissell Sweeper.

Only Bissells® have "Bisco-matic"* Brush Action which adjusts automatically to any rug, thick or thin. No need to bear down, ever!

FASTER, EASIER CLEAN-UPS WITH

BISSELL SWEEPERS

This amazing "Bisco-matic" Brush Action even picks up perfectly under beds and chairs, with the handle held *low*.

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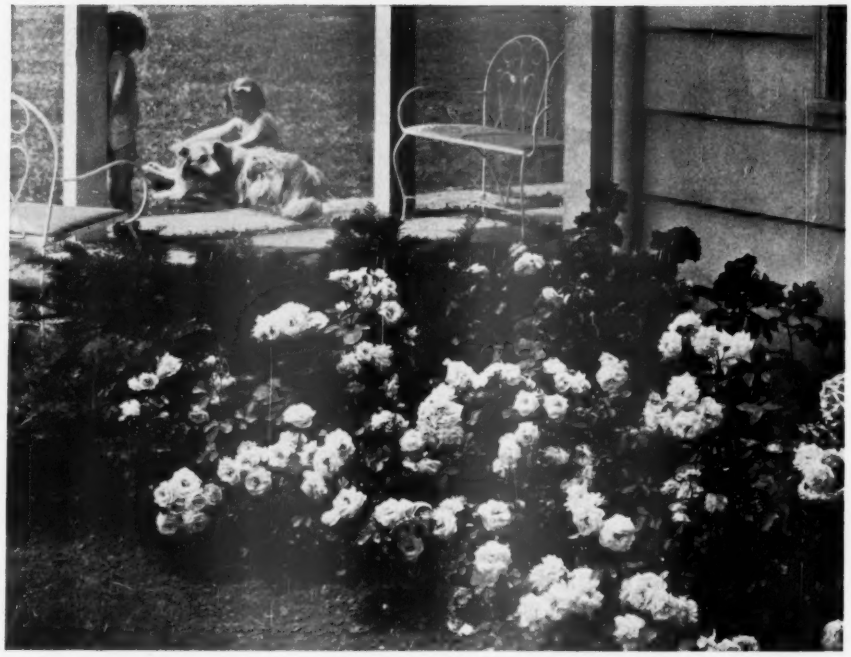
New Bissell Sweepers with "Bisco-matic" Brush Action as low as $6.45. Illustrated: the "Flight" at $9.45. Prices a little more in far West.

Bissell Carpet Sweeper Co.
Grand Rapids 2, Mich.

*Reg. U. S. Pat. Off. Bissell's full spring controlled brush.



Use floribunda-type roses generously in your home ground surroundings for the masses of color you want all season

Typical of the floribunda-type rose for use in home landscape is coral-pink 1950 All-America variety Fashion

Buy your roses this fall

By Dr. L. C. Grove

Regardless of when you plant, fall-purchased roses will be your best buy

Place your rose order for fall or early spring delivery—preferably fall delivery, even though you plant in spring. You will get freshly dug plants and they will likely be the best plants.

Plan now where you want masses of color in your home grounds—in the flower border, in beds, at gates, fences, and driveways. Use floribunda roses for mass color effects, hybrid teas mainly for cutting, hardy bush roses for the border, and climbers for fences and trellises.

Unfortunately, fall planting is not advisable in areas having rigorous climate (see map). Some folks may succeed in those areas but many who try it lose too many plants.

Plants ordered and received this fall for early spring planting should be placed on their sides in a trench, completely covered with about 10 inches of soil, and mulched after the ground freezes. They will come through the winter 100 percent; lift and plant them in the spring.

Every gardener, however, is urged to plant dormant roses in the fall where conditions permit. See map, which is a general guide.

Consider some advantages of fall planting. New roots develop and grow even though the tops are dormant. Root growth occurs even when the temperature is only a few degrees above freezing. Your plants will be partly established and ready to take off in the spring. And think of the satisfaction when spring comes of knowing that your roses are already planted. No waiting for the spring thaw or for plants to arrive. All these things speak loudly for planting in fall when fewer garden tasks call you.

In very mild areas, plant in midwinter; if planted earlier, growth may start and be injured by cold weather. Try to get roses produced in your area for fall planting—they are likely to be better keyed to your own locality.

Success with roses depends greatly on correct planting. See how to plant a rose on page 120.

This map is a general guide to show where roses may be fall-planted and where spring planting is usually better

DRESS BY PATTULLO

Younkers of Iowa makes PRIMITIVE, Firth's original and always-in-demand "carved" broadloom, the focal point of a warmly livable room. Shown here in ice blue, back again as a decorator favorite, PRIMITIVE is also available in ten other lovely shades. Weave structure and design motif both protected by letters patent of the U.S.

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WOMEN WITH A SENSE OF STYLE PREFER *Firth*

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Address.....

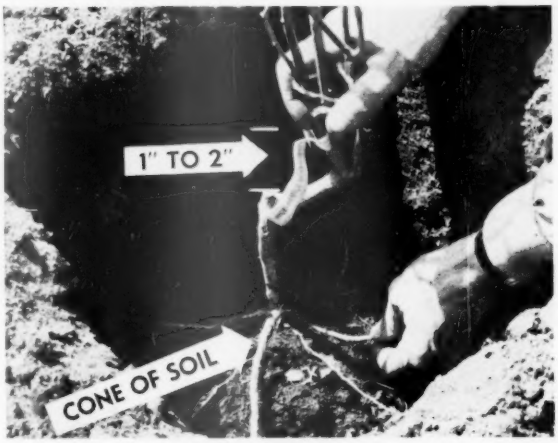
City..... State.....

The Road of Planned Progress

Rose planting step by step

Begins on page 118

1. Cut off all broken roots just back of the break with sharp shears, as shown. Cut off the very tips of the roots. Head back scraggly roots



2. Adjust height of soil cone in hole so the joint (bud union) is an inch above soil surface in mild areas, even with surface in colder areas

3. Fill hole more than half with soil; jiggle plant to sift soil close around roots. Tramp soil; your weight will sink joint to right depth

More on page 123

Have you ever stopped to think that Beautyrest . . . even with its *luxury rest*. . .costs less to own than so-called "bargain" mattresses?

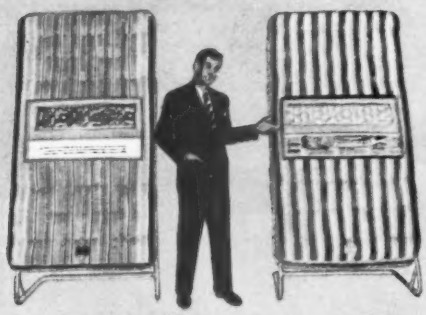
Beautyrest, you know, is guaranteed for at least 10 years. (Most other mattresses are not guaranteed at all.) Beautyrest is $59.50, bringing it down to only $5.95 a year. Or just about 1½¢ a night.

And think of this...Beautyrest *keeps* on giving you heavenly comfort, long after "cheaper" mattresses are worn out. See Beautyrest—at any leading store—*today!*

MAKE YOUR BEDROOM A LUXURY ROOM WITH BEAUTYREST... ABOUT 1½¢ A NIGHT!

NOW! SEE *INSIDE* THE MATTRESS YOU BUY!

New X-Ray Mattress Demonstrator at leading stores.

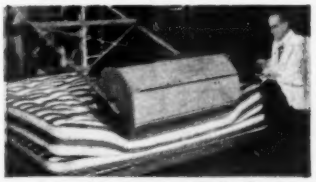


See the difference in the store!

"ORDINARY" INNERSPRING CONSTRUCTION — **BEAUTYREST COMFORT CONSTRUCTION**

Feel the difference on your bed!

1. Water-glass test demonstrates unique Beautyrest construction! No spring touches any other. *They can't force each other down*, so water glass won't tip. 837 Beautyrest springs support you *firmly, restfully!*



2. Scientific "Torture-Tester" proves Beautyrest durability in United States Testing Co. Laboratories. Beautyrest outlasts any other mattress tested two to one—takes 740,744 *more* blows.

Her Beautyrest is still luxurious after 12 years

12 years ago, Mrs. A. F. Hempfling, of Silver Springs, Md., bought a Beautyrest. In a recent interview, she reported as follows on how her Beautyrest lived up to the promise of *luxury* rest and durability.

SIMMONS: Are you satisfied with the length of service your Beautyrest has given you?

MRS. HEMPFLING: Very satisfied. We still sleep wonderfully on it—and it has *years* to go.

SIMMONS: How did the no-sag edges hold up?

MRS. HEMPFLING: Well, as you see, there's still not a sag anywhere.

SIMMONS: How did you happen to choose a Beautyrest 12 years ago?

MRS. HEMPFLING: It was recommended to me by a friend. She said it was the most *economical* mattress to own. It gives so many extra years of service. I agree one hundred per cent. The cost of Beautyrest is actually low for such quality!

From us to you: The best mattress is the best buy! The best buy is Beautyrest!

Only SIMMONS makes BEAUTYREST*

Another quality product from the House of Simmons... the greatest name in sleep.

*TRADE MARK REG. U. S. PATENT OFFICE. COPR. 1949 BY SIMMONS CO., MDSE. MART, CHICAGO, ILL.

"How can a car be so exciting – and still so economical?"

The Fleetline De Luxe 2-Door Sedan

New pushbutton door handles

The doors open so easily, so conveniently. No handle to turn, no tugging to do. These weather-protected pushbutton door handles are one of many *extra values* exclusive to Chevrolet in its field. Because Chevrolet builds more cars than any other manufacturer, *you* . more car for your money!

Room everywhere – and to spare

It's the *roomiest* Chevrolet ever—inside and out. Big, wide "Five-Foot Seats" inside. Mammoth new trunk compartment—with a lid that springs up at the turn of your key and the touch of your finger. No handle to turn here, either!

A safer, softer, smoother ride

Such a level, road-hugging way of going! From extra low-pressure tires to airplane type shock absorbers to Center-Point Seating, the ride's altogether new and improved. And Chevrolet's the longest, heaviest car in its field to give you more riding comfort and road steadiness.

Luxurious new interiors

In no other low-priced car, can you enjoy all the comfort, luxury and safety of a Body by Fisher. Upholstery fabrics are finer. Seat cushions are softer (foam rubber in De Luxe models). Down to the last detail, there's no comparing the fine workmanship, the solid and sturdy construction.

Easier, surer steering

Center-Point Steering is another *extra value* that makes Chevrolet so easy to handle and park. Steering is so easy and sure that you can drive all day, if you like, without strain or fatigue!

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The most beautiful BUY *of all!*

FREE! "Motor Manners," an interesting and authoritative new booklet by Emily Post, with complete rules for courtesy and etiquette in driving. Write Dept. AB-11 for your copy.

CHEVROLET MOTOR DIVISION, *General Motors Corporation*, DETROIT 2, MICHIGAN

Rose planting step by step

Continued from page 120

4. Fill depression with water, let it soak in, and fill again; it's essential that plants go into winter with lots of moisture around the root systems

5. In fall planting, cut the tops to about 12 inches above ground; next spring cut back to 6 inches. In spring planting, cut to 6 inches at once

6. Mound soil 8 inches around canes immediately after planting to keep sun and wind from drying canes. Then shade the soil with a light covering of leaves. If you're planting your roses in fall, add several inches of mulch after the ground freezes to maintain a more even soil temperature

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Send for helpful booklet. Thirty-two pages of Strong-Bilt room interiors in full color. Arrangements by America's leading decorators. Scores of ideas to help you build better. Sent postpaid—25c.

No visible face nailing. Upson Floating Fasteners anchor panels firmly from the back.

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THE UPSON COMPANY, 101 Upson Point, Lockport, N. Y.

I enclose 25c (stamps or coin). Send me your booklet, "New Interiors For Old."

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UPSON PRODUCTS

What every husband should know about sterility

Begins on page 42

his wife became pregnant. She was pregnant again a year later.

A newspaperman who for years had worked on the night shift and who drank and smoked excessively finally succeeded in getting his working hours changed. He altered his habits, too, drinking and smoking less, getting more sleep. In a short time, he was a father.

One specialist told me that mode of life is to blame in case after case of men with lowered fertility. It's particularly true for what he calls the "desk boys"—lawyers, doctors, schoolteachers, professional and white collar men.

Besides advising better diet, more rest, exercise, and relaxation, he frequently prescribes thyroid extract, for often he finds such a deficiency. In addition, he orders B complex tablets. Almost invariably, the simple regimen works.

These are some of the things which can go wrong in the man. In themselves, they're ample reason why today the doctor wants to see both partners of a barren marriage. But there are other reasons.

One is the comparative ease and certainty with which the fault, if it belongs to the husband, can be detected. There may be difficulty and considerable uncertainty when the trouble lies in the woman. Early examination of the husband may, therefore, save time, heartache, long treatment, and expense.

It's true, for example, that because of faulty gland functioning, a woman may fail to ovulate or produce an egg. Administering hormones may aid formation and discharge from the ovary of the egg, the first essential to conception.

It's also a fact that a common cause of infertility in women is closed tubes, which may be brought on by anything from an induced abortion to a prolonged fever or local infection. Then the egg cannot pass down to be fertilized. Several methods of treatment are available, including tubal insufflation, in which the doctor forces air or oil through the tubes.

In one woman, for example, closed tubes were traced to an operation for appendicitis 10 years before. There had been some peritonitis which infected the tubes. Treatment reopened them, and a year later she had her first child.

But there may be other difficulties not so easy to evaluate. While a doctor can put sperm cells under a microscope and study them, he cannot readily do that with an egg. Only a few times in medical history have egg cells been recovered for laboratory study. And it is not enough, for instance, for a woman to produce an egg and for the egg to travel into the Fallopian tubes. After fertilization, it's necessary for the egg to be received into the uterus and remain there.

The point is *not* that nothing can be done when the trouble lies in the woman. But before long and expensive tests and therapies are tried, it is only logical to make sure that the husband may not be the cause. If he is, the tests and therapies on the woman are unnecessary.

Still another reason makes it important for both partners to consult the doctor. There is increasing recognition today that nervous tension may help to make a woman infertile.

For example, frequently, after long failure to produce a child, a couple give up hope, adopt one, and then, to their amazement, they succeed in producing one of their own. The reason: a decrease in nervous tension on the wife's part.

[*Turn to page 127*

KENT-COFFEE *exclusively* BEDROOM

KENT-COFFEE MANUFACTURING CO., Lenoir, North Carolina

JIM BENSON'S MONUMENT

Jim Benson's eyes swept over the fancy wrought iron trim. Then on up the stately tower. His vest strained at its buttons.

For this was *his* house. Built the way *he* wanted it. No penny-pinching here. He would have a cast-iron bulldog standing guard on the lawn. Or maybe a deer. All the trimmings. After all, this was a kind of monument to his success. His cigar tilted a little higher as he watched the workmen over by the bay.

"Stead-d-dy, boys! Easy with that window! That's no ordinary pane of glass you're tossin' around."

The windows were the frosting on the cake. By George, you see things *right* through *plate* glass. No zig-zagging there. Those plate glass windows would let everybody know he had really arrived.

He looked down at young Jimmy on his Irish Mail. "Jim, some day this house will be yours. It's nothin' but the best, son. Nothin' but the best."

Polished plate glass, which was the standard by which homes were judged in Benson's day at the turn of the century, is now a commonplace "luxury". But plate glass is still a measure of the quality of fine homes and fine automobiles. It's still "the best", in today's modern homes with larger windows.

NO FINER GLASS THAN LIBBEY · OWENS · FORD PLATE GLASS

J.DIX
GLASS

Here's what You've been Waiting for!

The NEW REVERE WARE PRESSURE COOKER

This 4 qt. Pressure Cooker of lustrous stainless steel with a thick copper-clad bottom is truly lovely to look at! And it will last and last . . . remaining after years of hard usage as bright and beautiful as the day you first used it.

Even more important, you don't have to guess about the right pressure. Just dial the pressure you desire on the unique new metal weight gauge and an audible signal informs you when the correct pressure is reached. And you needn't worry about dropping or losing the gauge. It's *permanently* attached.

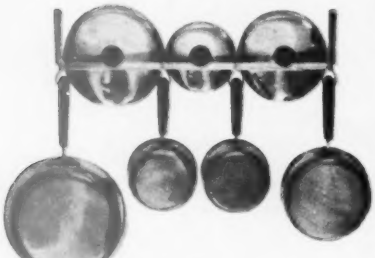
MORE FEATURES YOU'LL APPRECIATE

1. NEW Revere long-life, tight sealing gasket.
2. COOL, evenly-balanced Bakelite handles to fit your hands.
3. EASY and simple to use. Saves time and fuel, and retains vitamins and minerals in food.
4. FREE, a brand new recipe book! A product of several years in Revere's test kitchens, it contains appetizing recipes for vegetables, meat and luscious desserts. This handy book also includes complete instruction on how to take care of your Revere Pressure Cooker.

And remember—Revere has developed all these revolutionary improvements in design to make Pressure Cooking easier for you! So why not get your Revere Ware Pressure Cooker today?

REVERE COPPER AND BRASS INCORPORATED
Rome Manufacturing Company Division, Rome, New York

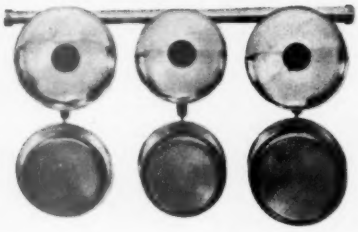
ASK YOUR DEALER TO SHOW YOU THESE NEW "KITCHEN JEWELS"



REVERE UTENSIL RACK—made of stainless steel, with movable brass hangers, 22 ins. long.

REVERE STARTER SET—includes a 6-in. Skillet, a 1-qt. Sauce Pan, a 1½-qt. Sauce Pan, each with Cover, and a Special Rack 22 ins. long. Pieces not sold individually. An extraordinary value, $12.50.

P.S. *Make sure you get Revere Ware. Look for the trade mark in the thick copper bottom.*



"He's three weeks ahead of Karen when she was his age, one week behind Ricky, six days ahead of George, four days behind Samuel, two days up on Henry, and eight days behind Alex. That makes him just about normal."

Sterility

Continued from page 124

Often, the intense desire of a woman to have a child may make her so tense that her uterus can't get into the state of relaxation needed if the pregnant egg is to imbed itself successfully.

A seemingly healthy young woman, after four years of unsuccessful effort, consulted a doctor who found nothing physically wrong with her but did note that she was under intense nervous stress. Even before their marriage, her husband had emphasized his desire for children. He had hounded her about it ever since.

When the doctor asked to see him, the husband sent word that there was nothing wrong with him. "Fix up my wife so we can have kids. Let's cut the nonsense."

The doctor, a young and direct man, got angry. "Perhaps," he told me, "I shouldn't have done it. But I stopped by his office one day and told him off."

He told him bluntly that there was nothing wrong with his wife, and that, even if nothing were physically wrong with him, he had by his attitude made pregnancy impossible. "Now," finished the doctor, "I've told you the facts. Do as you please, but don't waste money on examinations of your wife."

Some days later, the husband showed up at the doctor's office, begged for a fuller explanation. He promised to stop his demands upon his wife and to calm down. Within a year, the wife was pregnant.

Even when the husband may not be *causing* the tension, he can help to relieve it by his recognition of psychological factors, his understanding reassurance of his wife.

Finally, it pays for both partners to consult a doctor because both may be at fault. Fertility is relative, not absolute, except in the few people where a basic abnormality prevents production of sperm or egg.

You can't say that one person is fertile or infertile until you have appraised him or her in relation to the other partner. An individual with a low fertility index mated to one with a relatively high index may be capable of conception. Two individuals with low indices may not. Napoleon and Josephine could not jointly produce a child. Yet, when each was mated with another, children resulted.

Animal studies, too, have shown that a slight decrease in fertility in one partner may so multiply a similar decrease in the other that their union is unproductive. The reverse can be true, too, and corrections of slight defects in one may be enough to produce a child.

After examining both partners in a marriage in which the husband's fertility was lower than normal, the doctor suggested that, prior to intercourse, the wife douche with a solution containing glucose to give the weakened sperm sugar to feed on and an alkaline environment. It worked.

Apparently healthy, one childless woman was found to have local acidity. Her husband had infected teeth. They had children after these conditions were cleared up.

Another couple, both greatly overweight, finally consulted a doctor after six years of childless marriage. They were given thyroid and put on a careful diet. In four months the woman lost 30 pounds, the husband 23. Before long, a child was conceived.

Here is the routine used by one specialist in treating cases of infertility. It is pretty typical of what good doctors are doing everywhere.

The doctor makes a general examination of both husband and wife, then talks to each separately. In the course of the talks, he may get a helpful clue. If, for example, he uncovers a long history of too-frequent intercourse, he may try to correct this before going further.

Usually, however, it is necessary to proceed further. And the next step is to study the sperm. If the husband's sperms are healthy and sufficient in quantity, the doctor will then test the wife. Are her ovaries forming egg cells? Micro-

[*Turn to page 143*

SPECIAL! This beautiful GUARANTEED KENTILE FLOOR costs only $44.50* INSTALLED

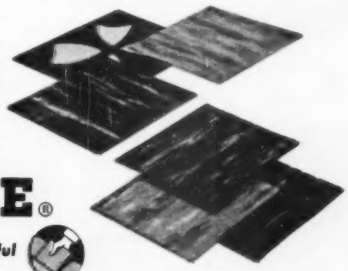
Create your own exclusive floor design with low-cost Kentile

• Now you can have really distinctive floors... at amazingly low cost. Kentile gives you a choice of 23 lovely colors... and is laid tile by tile... you can have exactly the floor design you wish in any room. And because Kentile resists stains and soil, it cleans quickly in mild soap and water... gleams like new with occasional waxings.

GUARANTEED for the life of your home

Although resiliently quiet and comfortable underfoot, Kentile is outstandingly durable. Colors can't wear off... scuffs and nicks don't show with this long-lasting *guaranteed* floor. See your Kentile dealer. Look under FLOORING in your Classified Directory or phone Western Union by number and ask Operator 25 for his name and address.

***Price quoted is for a 9'x9' room.** Your Kentile Floor may cost even less...or slightly more ...depending on its design, the size, type and condition of your floor...and the freight rates to your city. Get a FREE estimate from your Kentile dealer.



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Writes
Mrs. Walter Mann
of Riverside, Illinois

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For Nylon, all Rayons, Cotton, Silk, Linen, Wool ... literally any fabric except glass or mineral fiber!

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BIG BOX

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tints in hot water from the top.

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1437 W. Morris St., Indianapolis 6

How to butcher a good house

By Rand E. Wright

Every good house is built around one key architectural feature. You may think you know what was important to the architect in designing the house, but there's a good chance you'll fail to read his mind if you try to modify a house yourself to fit your family, leaving your house without character and just another house.

If you must change a house design to fill your family's needs, *leave the key feature alone!* You can see below what happens if you don't.

THIS is *Better Homes & Gardens* Five Star Home No. 1103. Its floor plan has as its key feature an entrance door that is back from the street and recessed behind the bedroom wing. A broad chimney directs your attention to the door, and acts as a hub around which the living-room wing (left) and the bedroom wing are built. Flowers in the brick planting box, a continuation of the chimney wall, form a horizontal mass of color against the white background of the house.

WHEN one butcher first saw plans of this house, it appealed to him. He didn't know why. It was just what he wanted, but he thought plants in a window box would create a bug problem in the living room. He didn't want bugs, and he saw a chance to enlarge the living room sufficiently for a built-in sofa by pushing the whole wall out flush with the chimney. Then he cut down the size of the chimney ("no extra bricks are gonna cost me money!"). When he finished his unhandiwork, nobody liked the house, not even the butcher. And he still doesn't know why.

OUR other butcher operated on a good house with an equally heavy hand. She had read that a skimpy chimney will ruin any house. But she wanted a front door visible from the street, so she moved the chimney to the end of the living room, where it looks completely out of place. To fill the opening left by moving the front door, she added a big window—placed so anyone at the front door has an excellent view inside.

Both butchers thought they were producing a better version of what the architect had in mind. Moral: Don't be a mind reader. Be a plan reader instead.

Don't envy a colorful home . . . have one!

How easy it is to have a pleasanter, brighter, more colorful place in which to live.

Just a few dollars' worth of paint (under $10.00 for the average room) makes the difference. And with today's easy-to-use finishes you can do the painting yourself, if you wish.

See what wonders you can perform in a few evenings or a week end. Do it room by room and, almost before you know it, your whole house will take on a brand-new personality, a thrilling new character!

Remember the outside of your house, too! Winter storms are coming. So start painting now before the storms and you'll save money on repairs.

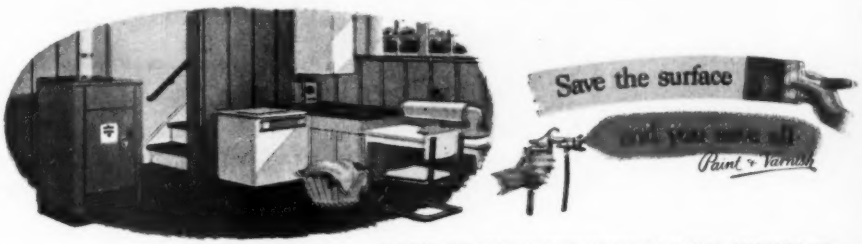
See your paint dealer or your painter this week. Discover for yourself why it's truer than ever that *it always costs more not to paint!*

Quality finishes of all kinds are better, easier to use, more durable than ever before . . . and today's low cost of these finishes will surprise you!

Remember, too, that almost everything you buy, from refrigerators to lipstick holders, from fishing rods to farm tractors, are better because of the new, durable quality finishes.

To get the biggest combination of beauty and usefulness in the things you buy, always remember: *The better the finish the better the buy!*

National Paint, Varnish and Lacquer Association, Inc., Washington, D. C.



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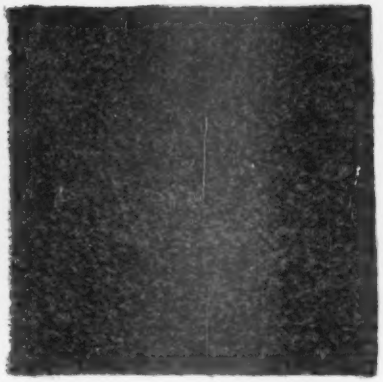
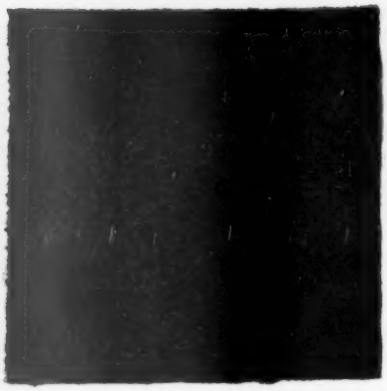
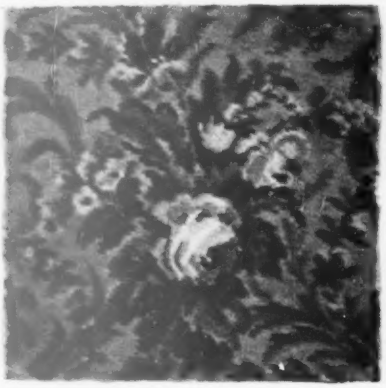
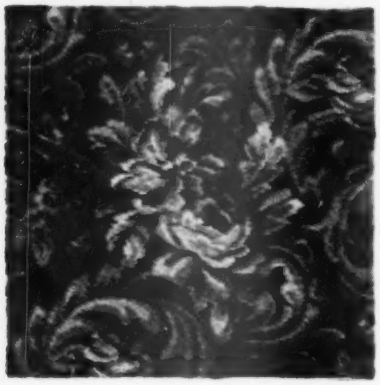
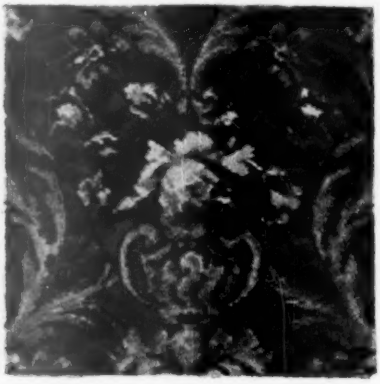
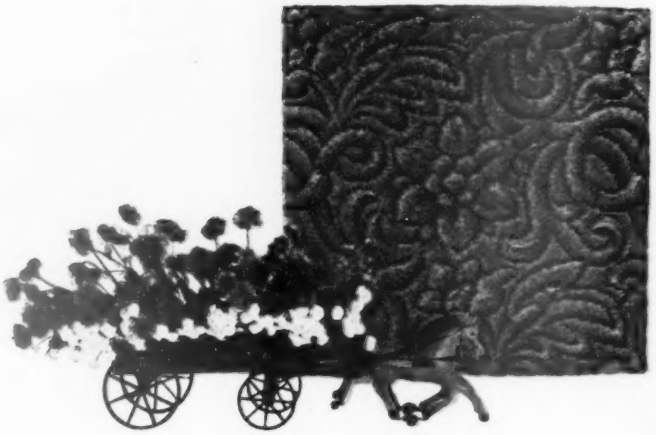
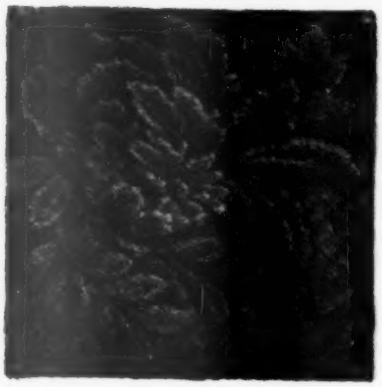



Choose from 12 fashion-right shades in twist weave and textured designs... prices start at about $55 for smaller room sizes.

Choose from 16 patterns in 3 fine qualities of multicolor Axminster... prices start at about $35 for smaller room sizes.

Choose from 12 patterns in 3 fine qualities of tone-on-tone Axminster... prices start at about $35 for smaller room sizes.

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are ready-made to fit... priced easy-to-buy

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Alexander Smith

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DO YOUR LIVING ROOM PROUD *and your purse a favor...with this Deltox* Woolcraft *rug. Its smart pattern is at home in any surroundings. Choice of 7 colors, to fit any decorative scheme. $32.95 for 9x12.**

YOUR FEET WILL LOVE THE FEEL *of this springy rug...*Woolcraft *is the only rug at anywhere near its price with* wool woven right in, *for long-lasting beauty. $32.95 for 9x12.**

New...from Deltox: a rug with wool woven in at a low, low price!

You'd never dream that a rug so good-looking, so serviceable, could cost so little. The fabric is sturdy kraft fibre and wool intertwined...soft and springy underfoot. The smart jacquard patterns have a sculptured effect. And they're *woven right into* the fabric, to wear and wear. Like every Deltox rug, new Woolcraft has a "napless" surface that's a cinch to keep clean. Today look up the store that sells the Deltox Woolcraft. It's one place to go to beat high prices.

new!

"woolcraft" by DELTOX

only $32.95 for 9 x 12

*(slightly higher on West Coast)

*America's smart low price rug

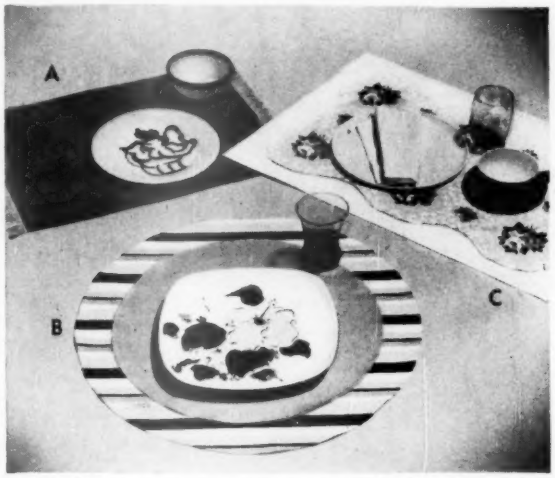
295 FIFTH AVENUE, NEW YORK 16

Smart place mats

Place mats *you* make suit your table. That's because you choose colors and designs that enhance your dishes.

These place mats are easy to make. They call for inexpensive materials such as striped ticking, sailcloth, remnants of chintz, and the new nylon lace. Follow the directions to make complementary backgrounds for your own dishes, or distinctive gifts.

Where to get it, page 259



Circular place mat, center, combines plain and striped chintz, makes a colorful background for a bold china design. Child's place mat, upper left, has painted elephant at one side with plaid napkin tucked in head. Rectangular mat, upper right, combines floral and plain glazed chintz

Circular place mat. Cut an outside circle of striped glazed chintz 21½ inches in diameter, and an inner circle of plain glazed chintz 17 inches in diameter. Make ¼-inch hem in outer circle. Appliqué inner circle to striped circle. You can make matching napkins from either plain or striped chintz, linen, or cotton.

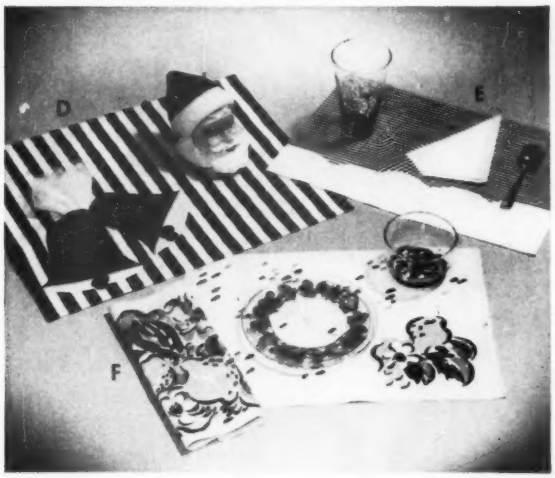
Child's place mat. Fringe ends of an 18x21-inch piece of sailcloth. Paint an animal figure at one end of the mat with textile paint. (See textile-painting directions, page 135.) Cut a slit at the top of the animal's head. Finish the slit with a buttonhole stitch. For napkin, cut a 14-inch square of cotton plain; fringe. Tuck in the slit. You can paint an animal on a milk-glass plate and bowl from the dime store, with a permanent metal, glass, and china paint to match animal on place mat.

Rectangular mat. Cut an 18x26-inch strip of plain glazed chintz. For the center block, use a patterned glazed chintz. Cut the block in scallops that follow the design in the chintz you have. Appliqué to the rectangular plain chintz. Cut 8x18-inch rectangle of plain chintz, cotton, or linen for napkin. Hem.

for your table

You can make all of these mats from inexpensive materials. The directions below show you how

By Henrietta Stoner



Floral linen place mat and napkin, center, are painted with textile paint. (Directions, page 135.) Glassware is painted to match. Christmas mat, upper left, is green-and-white glazed chintz with red bells. Nautical mat, upper right, has white scalloped band appliqued on striped ticking

Christmas place mat. Cut an 18x22-inch rectangle of green-and-white glazed chintz. Turn and whip a ¼-inch hem. Cut bells 4 inches across the bottom and 5 inches long from red chintz. Cut a curved strip from white chintz for the inner lining of the bell; stitch to the bells. Tack 1-inch sequins on the bells for clappers. Sequins are easily removed for laundering. Appliqué the bells to the striped chintz, leaving the top open for a tuck-in napkin. For napkin, cut a 14-inch square of white cotton; fringe.

Nautical place mat. Cut a rectangular piece of striped ticking 18½ x 12½ inches. Make a rolled hem. Cut a small pointed piece of ticking 6 inches long and 3 inches wide at the bottom, curving on one side to represent a boat. Hem the straight side; appliqué the curved edge to mat in a diagonal position. Cut a band of white Indian head, with scallops, 18½ inches long, 4 inches wide at one end and 3 inches wide at the other. Appliqué the scalloped side to the mat; hem the other three sides. For the napkin, cut a 14-inch square of Indian head. Make a rolled hem. Press into a triangle. Place the napkin in the boat pocket in a slanting position to represent a sail.

More about place mats on pages 135 and 199

I know *because I'm at the wheel so many times every single day! And every mile I drive I appreciate that new Ford "feel." For instance . . .*

I chauffeur *my husband in the morning rush hour and love the "feel" of Ford's "Finger-Tip" Steering. It's so much easier when traffic is heavy. Then I'm . . .*

Delivery boy *for shopping and I couldn't be happier with that big storage space. (Thanks, lady, that "Deep Deck" Luggage locker is 89% bigger!)*

Nursemaid *duties are also mine, and I like the feel of solid safety from Ford's "Lifeguard" Body and those wonderful brakes! (That body is heavy-gauge steel and the brakes are 35% easier to apply!)*

"Glamour girl," *my husband calls me, when I drive up! And that's the way I feel when I drive our new Ford—it's beautiful, inside and out!*

The 1949 Ford
has been Awarded the
Fashion Academy Gold Medal
as the "Fashion Car of the Year"

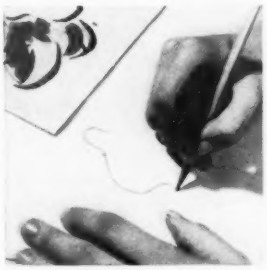
White side wall tires optional at extra cost.

Place mats for your table

Begins on page 132

How to stencil floral place mat

1
Make a freehand sketch or select a design from a picture or chintz. Then place a piece of tracing paper over the design and draw in outlines in ink or heavy pencil. Make a ¾-inch margin on all sides of design. Trim. Mark an x in upper left corner so you'll know which corner is upper left.

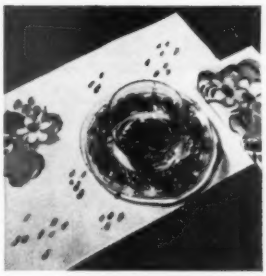


2
Place a piece of stencil paper so that upper left corner fits into upper left corner of ink tracing. Trace all parts of design to be painted in one color. Label color to be used on stencil paper and mark an x in upper left corner. Use a different stencil paper for each color used on place mat.

3
Place the stencil paper on a piece of cardboard or heavy plate glass. Cut out the design with a stencil knife or single-edged razor blade.

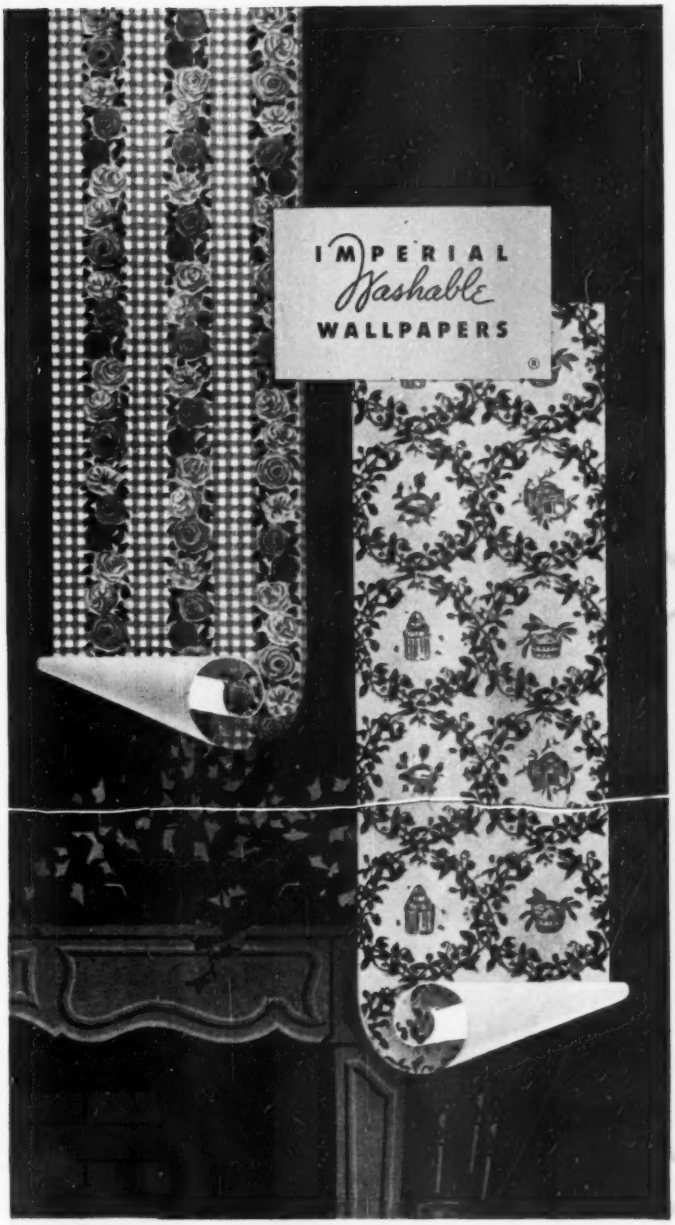
4
Cut a 12x18-inch rectangle of white linen. Make a rolled hem. Place original ink tracing over mat in the position you want the design to be. Put masking tape along top and left side of ink tracing so it forms a right angle at upper left corner. Remove ink tracing. Lay first stencil plate so left corner of stencil fits into angle made with masking tape. Mix textile paint. Apply with stencil brush to the cut-out areas of the stencil plate. Repeat with all of the stencils.

Dry 24 hours. To make colorfast, press each part of design with iron 3 minutes. Use pressing cloth.



Stenciled linen place mat is ready for the table. Matching floral napkin was made the same way.

More on page 199



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Many leading manufacturers use Boltaflex to cover their products. You will find Boltaflex-covered furniture and other products at leading department and furniture stores. If you want to be your own decorator, you can buy Boltaflex by the yard at your favorite department store. Look for the Boltaflex tag. Write for samples and illustrative literature to: Department B-10, THE BOLTA COMPANY, LAWRENCE, MASS.

Recipes for the big 4 roasts—

Salads and desserts

[*The meals are on page 63*]

Chess Tarts

The pie to put with oven meals; takes same low temperature as roast—

- 1 cup seedless raisins
- 2 eggs
- ⅔ cup granulated or brown sugar
- ⅔ cup light corn syrup
- ⅓ cup butter or fortified margarine, melted
- 1 teaspoon vanilla
- 1 recipe Plain Pastry

Plump raisins. (Place in sieve over boiling water. Cover. Steam 10 minutes.) Beat eggs and sugar until thick; add corn syrup, butter, raisins, and vanilla. Pour into pastry-lined tart pans. Bake in slow oven (300°) about 1 hour. Makes 6 tarts.

Note: Filling puffs up while baking, then settles.

Sour-Cream Dressing

Good and easy for salads—

- 2 tablespoons sugar
- 2 teaspoons salt
- 1 teaspoon dry mustard
- 1 teaspoon paprika
- 2 tablespoons vinegar
- 1 cup soured cream

Combine dry ingredients; add vinegar and freshly soured cream; mix well and chill.

Cinnamon Apples

Use them as garnish for the meat platter or as salad—

- 2 cups sugar
- 1 cup water
- ¼ cup cinnamon candies (red-hots)
- 5 tart cooking apples
- Red food coloring if needed

Make a syrup of 1 cup sugar, the water, and candies. Meanwhile, wash apples, remove cores, pare or not as desired, and cut in halves crosswise (or leave whole). Place in hot syrup and cook slowly until tender, turning frequently. Remove apples, add remaining sugar; cook 2 minutes. Pour syrup over apples and let cool.

Apricot Cobbler

A little lemon juice and peel, and a little almond extract, make the flavor extra good—

- 1 pound dried apricots
- 3 cups hot water
- 1¼ cups sugar
- 2 teaspoons cornstarch
- 1 teaspoon lemon juice
- 1 teaspoon grated lemon peel
- 1 teaspoon almond extract
- 1 tablespoon butter or fortified margarine
- 1 cup enriched flour
- 3 tablespoons sugar
- 2 teaspoons baking powder
- ½ teaspoon salt
- 3 tablespoons butter or fortified margarine
- ½ cup milk Cream

Wash apricots. Add hot water and 1¼ cups sugar; simmer 10 minutes. Drain, saving juice. Place apricots in greased 8-inch baking pan, spreading evenly. Moisten cornstarch with 1 tablespoon cold water. Heat drained liquid to boiling; stir in cornstarch mixture and cook until clear, stirring constantly. Remove from heat. Add lemon juice, peel, almond extract, and 1 tablespoon butter; pour over apricots in baking dish. Sift flour, sugar, baking powder, and salt into a mixing bowl. Cut in the 3 tablespoons butter using pastry blender or two knives, until like fine meal. Add milk all at one time. Stir until well-blended. Pour over apricots. Bake in moderate oven (350°) 40 minutes. Serve with cream. Serves 8 to 10.

Gingerbread with Broiled Topping

Topping's butter, brown sugar, and chopped nuts—

- 1½ cups enriched flour
- ½ teaspoon salt
- 1 teaspoon baking powder
- 1 teaspoon ginger
- 1 teaspoon cinnamon
- ½ cup butter or fortified margarine
- ⅓ cup brown sugar firmly packed
- ½ cup light molasses
- 2 eggs, beaten
- ½ cup boiling water
- ½ teaspoon soda
- ¼ cup butter or fortified margarine
- ½ cup brown sugar
- 1 cup black walnuts, broken

Sift flour with salt, baking powder, and spices. Cream butter and sugar until light and fluffy; add molasses and beat well. Add eggs and beat again until fluffy. Add sifted dry ingredients; stir smooth. Add boiling water, beat quickly into gingerbread mixture. Turn batter into 10 well-buttered custard cups. Bake in moderate oven (350°) about 35 minutes. **Topping:** Melt butter in saucepan; add sugar and nuts. Mix thoroughly. Spread evenly over tops of individual gingerbreads; place in broiler till bubbly and brown. Watch to prevent burning. Cool slightly before serving. Serves 10.

Date Pudding

Ideal pudding for an oven meal, bakes at same low temperature a roast takes—

- ¼ cup fine cracker crumbs
- 1 teaspoon baking powder
- ½ teaspoon salt
- 1 cup chopped California walnuts
- 1 7-ounce package pitted dates, chopped
- 3 eggs, separated
- 1 cup sugar
- 1 teaspoon vanilla

Mix cracker crumbs, baking powder, salt, nuts, and dates. Beat egg yolks until light, add ½ cup of the sugar, and beat till thick and lemon-colored. Combine with first mixture. Beat egg whites until foamy; add remaining sugar gradually, beating until stiff. Add vanilla. Combine two mixtures, folding together lightly. Bake in 6x8-inch buttered baking dish in a slow oven (325°) 50 to 60 minutes. Serves 8.

Gulistan Renaissance in Parakeet Green, about $14.50 per sq. yd., higher in the West and South. Other Gulistan weaves—all styled for long-lasting beauty—as low as $5.50. Widths 9 ft., 12 ft. and 15 ft.—or you may find it more satisfactory to use 27" widths, smoothly fitted together.

Photography, Tony Venti

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THE THEME: ROCKY MOUNTAIN MODERN

"East or West," declares Svend Boesen, member of the American Institute of Decorators, "textured, single-color carpet sets the fashion for the smartest rooms."

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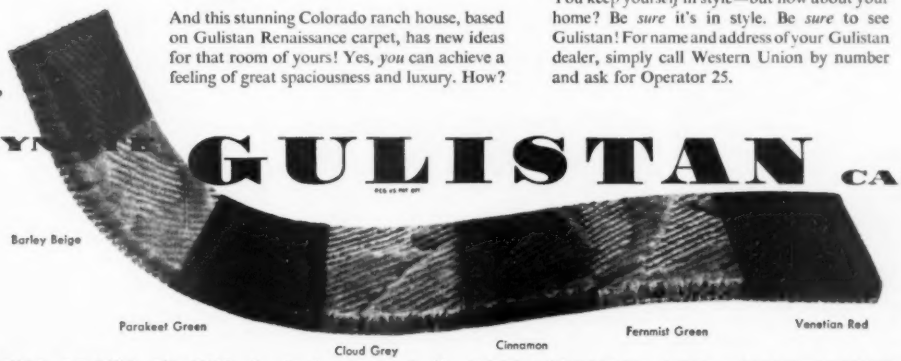
You keep yours*elf* in style—but how about your home? Be *sure* it's in style. Be *sure* to see Gulistan! For name and address of your Gulistan dealer, simply call Western Union by number and ask for Operator 25.



THE KEYN GULISTAN CARPET

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For a craftsman's finish

Know your abrasives

Your smoothing jobs on wood, metal, glass, or a painted-on finish will have that professional look if you choose the right abrasive paper or powder

By George Daniels

Sand in direction of wood grain, putting pressure on both strokes. On rough wood, start with grit size 1 or ½; on smooth, with 2/0. Then use 3/0, and finish with 5/0. Never skip more than one grit size

Sanding end grain. If you want a flat surface with square corners on the end of a board, clamp scraps around it like this. Scraps must be flush with the end of the piece being sanded. This prevents the sanding block from rocking and rounding the corners. It also keeps the sandpaper from splitting out wood fibers at edges as abrasive passes over them

The next time you tackle a smoothing or finishing job around the house, don't just ask your dealer for sandpaper.

Instead, specify the exact type of abrasive that best suits the job. If you do, your work will be easier and you'll be more pleased with the results.

The main abrasive papers are:

Flint paper. the yellowish-tan variety that most of us think of as sandpaper, although what looks like sand on it is really white quartz. This type is inexpensive, but it has a short working life. Use it for sanding heavy paint or gummy woods that clog the paper quickly so it must be discarded.

Garnet paper. the best type for all-around household use. It's reddish in color, and it costs a little more than flint, but it's harder and sharper so it lasts longer in general woodworking.

Aluminum oxide paper, your best bet when the job calls for heavy cutting of hardwood, or for cutting into hard metals like iron or steel. It's brownish purple, extremely hard and sharp.

Silicon carbide paper, the one to use for work on glass, stone, leather, plastics, and soft metals like aluminum and bronze. It's shiny black in appearance, and near the diamond in hardness. It has the longest cutting edges, but it's too brittle for use on hard metals.

Emery paper, an old stand-by, handy for everyday work on practically all metals but not on wood. It isn't as fast cutting as aluminum [*Turn to page 140*

Testing smoothness. For maximum smoothness, stiffen hairlike fibers with a wash coat of thin shellac, before final sanding. Let wash coat dry at least three hours, then scuff off fibers with 6/0 or 7/0 finishing paper. Test by sliding back of your hand over wood. If you use stain, apply it before shellac

Sanding between coats. If a job needs several coats of varnish, enamel, or lacquer, sand lightly between coats. Use 9/0 or 10/0 waterproof garnet or silicon carbide paper. Dip the paper often in slightly soapy water, and wipe work frequently. After sanding, wipe with water, allow plenty drying time

Hand-rubbed finish. Either powdered rottenstone or pumice gives work a satin finish. Keep powder in a shallow pan. Use a damp felt pad for rubbing, pat it in pan to charge it. Check work often to avoid rubbing through finish. Keep pad damp. Pumice is coarser, works faster—rottenstone gives higher finish

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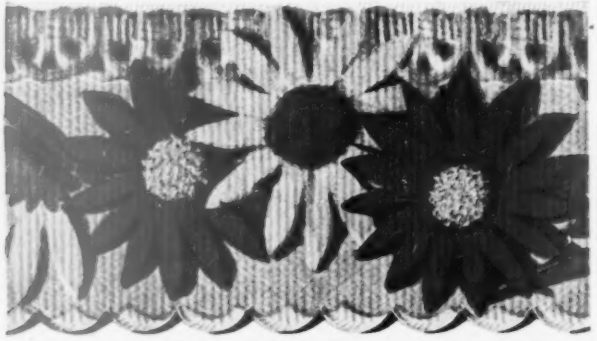


Pattern above, "Daisy Cloth" . . . below, "Picture Window" . . . top photo, "Tyrolean."

Know your abrasives

oxide or silicon carbide, but it has good polishing qualities. Use it for dressing up lightly rusted garden tools.

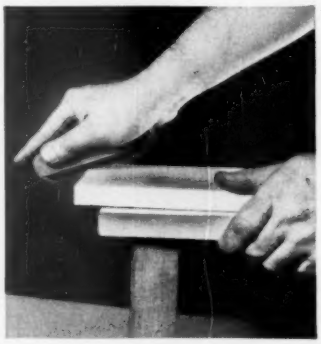
Whatever type of abrasive paper or cloth you select, you'll probably buy it in standard 9x11 sheets. For most work, you'll need only a quarter of a sheet at a time, held over a small block of wood that fits into your hand.

You can tear the thin, fine-grained papers along the edge of a ruler. To cut coarse-grit paper, fold it sharply over a ruler, the abrasive side out, then slit along the crease with an old knife. If you are using abrasive cloth, you'll find you can tear it along a straight line.

If you own almost any power tool, chances are you'll find forms of sandpaper to fit it. There are abrasive discs, belts, strips, cylinders, cones, and other forms.

Powdered abrasives, such as powdered pumice, are good for toning down the luster of finishes that are too glossy. Rottenstone, finer grained than pumice, does the same kind of work to produce the satiny finish you see on fine furniture. For everyday flattening of gloss, you can use fine steel wool.

The photographs show the best ways to put these various abrasives to use. Look the pictures over, choose the right abrasive for the job you have to do, and then all you'll need is a little elbow grease.

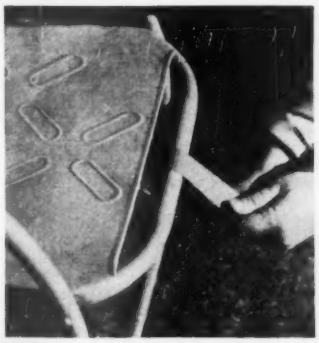


Rounding corners. A rubber pad between sandpaper and sanding block improves contact when you want to round corners. If wood is fibrous, sand only on forward stroke to prevent splintering. You can buy a sanding block that holds a strip of sandpaper, so you don't have to hold it with your fingers, for about 50 cents

Sanding glass. If you replace a broken glass top on a coffee table or dressing table, you can round glass edges with silicon carbide cloth. If edges are clean cut, a medium grit will probably be all you'll need. Sand along edges with abrasive cloth bent inward, using care not to let it touch flat surfaces. Waterproof paper or cloth is advisable; wetting glass lays glass dust and helps produce a smooth, fast cutting action

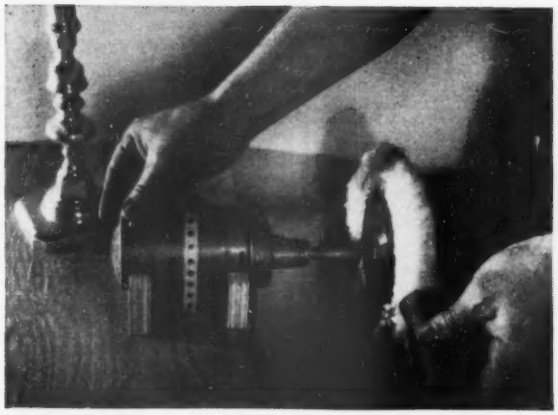
Begins on page 138

Sanding gummy material. To sand heavy crack fillers or finishes, use coarse flint paper that can be replaced frequently, or open-coated silicon carbide paper with grains spread enough to retard clogging. Piece shown is a type used in floor-sanding machines for removing thick varnish. If sanded material cakes up, slap paper sharply against a hard surface



Sanding metal. To remove rust or peeling paint from such things as metal lawn furniture or yard tools, use aluminum oxide paper or cloth. If rusty part is round, shoeshine method shown speeds the job. Use successively finer grits. If some of the paint is to be left on, bevel sanded area smoothly into paint area. Emery cloth may be used, but doesn't cut as fast and is better suited to metal polishing (not silver)

Lapping metal parts. Metal parts that fit too tightly often may be freed by lapping. Spread a grinding compound (like that used on auto valves) on the parts, and work them together. The compound cuts away enough metal to give an easy working fit. You can use this method on such things as a stiff hinge, but don't try it on machinery unless you've had some experience. Wash off compound thoroughly when the job is done, to stop action



Polishing dull metal. A stick of jewelers' rouge can be used to give a mirror polish to metal. If you have a power drill, you can do the job quickly with a buffing attachment. Charge buffer by holding the stick of rouge against it while buffer is running. Don't use rouge on thinly plated ware, however, as it may wear through. If you do rouge polishing by hand, use a soft rag, and apply the shoeshine method where possible

More on next page

HEAVY MALLET BLOWS will not crack or chip the diamond-tough glass surface of the bottom head of a *Permaglas* Electric Water Heater.

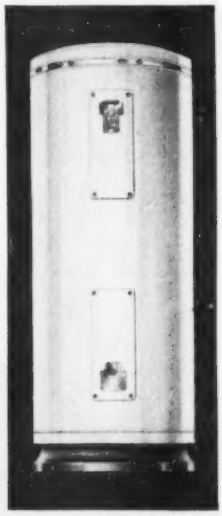
HOT WATER MIRACLE

This automatic electric water heater cannot rust—because glass cannot rust

It *is* a modern "miracle" to have all the hot water you want . . . instantly ready for bathing, shaving, dishes, laundry. And it's even more so to have built-in rust protection, so you won't have to replace your water heater every few years.

That's the wonderful *extra* advantage you get in an A. O. Smith *Permaglas* Water Heater—the special tank of *glass-surfaced steel* that cannot rust because GLASS cannot rust.

FOR DRAMATIC PROOF, see your A. O. Smith dealer: merchant plumber, appliance dealer, or electric company. Or write us for your dealer's name and illustrated folder. A. O. Smith Corporation, Water Heater Division, Kankakee, Illinois. International Division: Milwaukee 1, Wisconsin. *Licensee in Canada: John Inglis Co., Ltd.*



EVEN 2 MILLION BENDS have not harmed this flexible thin ring of glass-surfaced steel developed by A. O. Smith.

SHOCKPROOF! Neither icy cold nor scalding water affects this glass-surfaced steel section of a "*Permaglas*" tank.

Guaranteed by Good Housekeeping

SIZES FOR ALL HOMES, including new TABLE-TOP model for kitchen, laundry, utility room

A.O.Smith

AUTOMATIC WATER HEATERS

Permaglas • *Duraclad* • *Milwaukee*

K-M Appliances are the Stars of MY Home

SAYS

Claire Trevor

Co-starring with Fred MacMurray in BORDERLINE

K-M Pop-Up Toaster

Only toaster with magic *one-button* control! One knob selects choice of shades... pops toast up or keeps it warm! Completely automatic. *Fast*—makes 2 perfect slices in 50 seconds, no pre-heating! Built for *years* of trouble-free service... in beautiful chromium, modern design. Removable crumb tray makes cleaning a breeze. No finer toaster made!

K-M Quad Waffle Baker

Most beautiful waffle baker you've ever seen... most dependable, too! 4 big waffles in 4 minutes... exclusive K-M "floating hinge" keeps them light. Completely automatic—never sticks or scorches! (Sandwich grids sold separately.)

K-M Liquidizer

The sensational kitchen miracle worker that does hundreds of jobs—in seconds! Makes juices, salads, baby foods...at the flick of a switch! Saves time, work, money! Sturdy—beautiful—dependable. There's no appliance like it!

Knapp K-M Monarch

ELECTRICAL SERVANTS

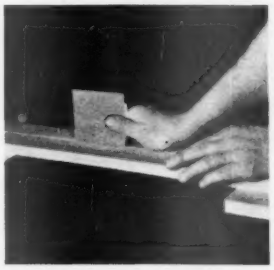
ST. LOUIS 16, MO.

Mfrs. of Sparklets, K-M Regal-A-Mist, K-M Magic Mist. K-M Appliances also manufactured in Canada

Know your abrasives

Continued from preceding page

Sanding carvings. The abrasives with cloth backing are handy because they do not tear when sharply creased. To reach bottom of a deep cut in carved work, fold abrasive cloth over a sharpened stick. Hold stick like a pencil, and work it along surfaces to be sanded. Use fine grit, and don't sand away any wood unless you want to change lines of original carving



Tight edge fit. For close fit between two boards, as for edge gluing, fold a piece of garnet paper with business side out. Slide it between boards at high spots. Suit grit size to amount of wood to be removed. Keep the paper vertical. Hold boards by hand, or rest one against the baseboard of a wall and hold the other against it. Place a few blocks under boards to allow the paper to extend all the way through the joint between the boards

Steel wool and paint remover. When you use a paint remover on soft wood, and finish the job with a scraper or putty knife, there's a chance you might dig in and scar the wood. Take advantage of the scraping action of steel wool to avoid such damage. You can buy it in several grades of coarseness; No. 3 steel wool in pad form, as pictured, is good for removing paint. A finer grade works best for stripping off old varnish, however

Make Your Shop a Real Money-Saver This Year

with an **Atlas** TILT/ARBOR **SAW**

Shelves, cupboards, furniture, toys, basement and attic rooms... there's no end to the ways you can *have fun saving money* this year with an Atlas saw in your home shop.

And you'll want an Atlas. Either the 8" or 10", with low-cost extensions, give you *all the capacity* you need, *accuracy* for the finest work, smooth *life-time* operation. Write for this new catalog.

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MATCHED PRECISION TOOLS FOR WOODWORKING AND METALWORKING

Drive the CROSLEY Hotshot

America's own sport car!

Again Crosley makes automotive history—this time with the daring HOTSHOT—a new thrill in motoring! High in style, amazingly low in price—even less than other Crosley passenger models!

The Crosley HOTSHOT follows the dashing lines of racing cars, but will collect a crowd on Main Street or at the club. It's light, fast, economical. For those who want to participate in track racing, road racing or hill climbing competitions, the engine may be souped up as high as 12 or 14 to 1 compression ratio. Also, the windshield, bumpers, top and headlights are removable. Quickly detachable side doors, not shown, as well as top and side curtains, are standard equipment.

Powered by the amazing CIBA (cast iron block) overhead camshaft engine — the only light, high speed, high compression, racing type engine built in quantity in this country. Equipped with Crosley's revolutionary Hydradisc Brakes—the ultra modern airplane type hydraulic brake now standard equipment on all Crosley cars.

Drive the new Crosley HOTSHOT. Learn about the hundreds of spectacular improvements in the entire Crosley line. For free literature describing the HOTSHOT and the 5 other Crosley models, including Station Wagon illustrated, write Crosley Motors, Inc., 2530-RK Spring Grove Ave., Cincinnati 14, Ohio.

CROSLEY a FINE car

"You See Them Everywhere"

Your recipe may win a prize

Begins on page 70

Honor Roll

Mrs. Burdette Boileau, San Marino, California.
Alice Bower, Bremerton, Washington.
Mrs. D. C. Bradley, Jr., Terry, Montana.
Mrs. Mildred Brasier, San Fernando, California.
Mrs. Roma C. Duncan, Bloomington, Indiana.
Mrs. H. R. Flemming, Madison, Wisconsin.
Mrs. Clarence J. Fuller, Holley, New York.
Mrs. H. B. Garnes, Minneapolis.
Mrs. Elberta Hawkins, Casey, Illinois.
Mrs. Harvey T. Kidd, Blytheville, Arkansas.
Mrs. A. D. Kipfer, Wichita, Kansas.
Marillynn Mark, Chicago.
Mrs. Dorothy Millard, Buffalo, New York.
Mrs. Mary Newman, Columbus, Ohio.
Mrs. Ethel Noonan, Kahoka, Missouri.
Mrs. Clifford E. Terry, Elgin, Oregon.
Mrs. Ralph Treichel, Waukesha, Wisconsin.
June Walter, Murray, Iowa.
Mrs. Winifred W. Wing, Red Bluff, California.
Mrs. Mary Zisterer, Chicago.

Sterility

Continued from page 127

scopic examination of a tiny portion of the lining of the uterus will show this. Are her tubes open? Another test determines this.

If such tests show both husband and wife functionally sound, it may be a question of proper spacing of coitus. Many couples time their intercourse so it occurs shortly before or immediately after the menstrual period, when, although a woman's sexual desire is strongest, she is usually sterile.

The average woman with a 28-day menstrual cycle, one expert recently announced, is most fertile on the 11th, 12th, and 13th days after menstruation has begun, while women with 24- to 35-day cycles are most fertile from the 9th to 19th day.

Because the period of maximum fertility may not, however, come regularly each month, tests may be made to determine it accurately and provide optimum opportunity for conception. One test is a vaginal smear which the wife makes daily. It may be supplemented by a temperature record from which the doctor makes a graph showing the period of ovulation when conception is possible. Another recently developed test consists of injecting the woman's urine into rats daily to determine ovulation time.

There are, of course, still other factors which may have to be considered. New ones are being uncovered all the time. Recently, it has been discovered that before the egg can be pierced by sperm, a sticky outer mass must be removed.

Usually this is accomplished by

Enjoy the enduring loveliness of

Kling

SOLID MAPLE

Maple, the well-loved wood of generations of Americans, takes on new beauty in the hands of Kling cabinet-makers. Their skill and care bring out all the golden loveliness of the rich grain, and their craftsmanship produces the graceful lines and dependable construction which bring lasting satisfaction.

See the *Olde Towne Group* by Kling at your favorite furniture or department store. It is open stock, of course. Choose the pieces you need most now and add others later as your needs change.

KLING
BEDROOM FURNITURE

Write for illustrated booklet "Your Bedroom and You." It offers many helpful suggestions on bedroom decoration and arrangement. Sent postpaid on receipt of 10¢ in coin. (No stamps, please.) Address Dept. BHG10, Kling Factories, Mayville, New York.

KLING MEANS SOLID MAPLE, CHERRY AND MAHOGANY

Sterility

Continued from preceding page

hyaluronidase, a substance in the male semen, which liquefies the mass without harming the egg.

One doctor has reported a technique for placing pure hyaluronidase in the cervix shortly before coitus. He tried it on 102 women. It was successful in 33 of them.

Just this year has come another potentially important development. Dr. C. H. Li, University of California's noted biologist, has isolated, in pure form, for the first time, a hormone believed to play a vital role in the fertility of both men and women. The hormone is called FSH (short for "follicle-stimulating hormone"). In men, it may stimulate the sperm-producing tubules and, in women, the growth of the ovarian follicles, making ovulation possible. Isolated from the pituitary glands of sheep, FSH is getting further trials in animals before it is ready for test on humans. There are those who believe that it can open up great new possibilities in improving fertility.

Even in normal couples, a recent study has shown, the risk of failure to conceive is surprisingly high. In the age period between 20 to 29, the average fertile husband and wife may have to mate 202 times or more to achieve conception. In the 30 to 39 age group, 290 matings may occur before one results in pregnancy. And between 40 and 49, the figure rises to 1,434 times.

It is amazing that with the natural hazards, we have as many children as we do. Additional hazards are provided by the complexity of our reproductive systems and the many factors that can go wrong.

What is encouraging is that in as many as 40 percent of barren marriages, children are possible if the husband will cooperate.

No reach, no fall

Here's a way to solve the problem of reaching high places. It's a stool, made from lumber scraps, which has a handle attached to it. This handle, made from a broomstick, serves as a balance when you're getting up or down, and also acts as a handle for carrying the stool from place to place.—*Mrs. Walter Riedel, Fair Lawn, New Jersey.*

W. FRIEDERICH BUILDS NEW RANCH-TYPE HOME—INSTALLS DELCO-HEAT

The best of everything went into this delightful new home in Henrietta, N. Y. The owner, Mr. William Friederich, writes, "I've spent a lifetime in the construction business, so you can appreciate the care we put in planning the equipment for our own home. When it came to heating—we picked the Delco-Heat Oil Burner to fire our radiant heating system."

Being a builder, Mr. Friederich knows that General Motors makes the best—and that factory-trained Delco-Heat dealers install the units right. Jay J. Walsh, Inc., Rochester, N. Y., made the Friederich's installation.

The Delco-Heat Conversion Oil Burner with the exclusive "Rotopower" feature that combines all moving parts in a single unit. For oil, gas or coal-fired automatic heat, see your nearest Delco-Heat dealer. Or write—

Delco Appliance Division, General Motors Corp., Rochester 1, N. Y.

K-R-O KILLS RATS

• K-R-O BIS-KITS are ready-made, easy to use; containing *fortified red squill*, they're safer around livestock, pets, and poultry. K-R-O POWDER is 100% *fortified red quill;* economical to use in badly infested areas when mixed with natural baits. BIS-KITS, 35c and $1.00; POWDER, 75c at drug, seed, and feed stores. Money-back guarantee. *The K-R-O Company, Springfield, Ohio.*

Mortite KEEPS THE COLD OUT

SAVES FUEL AND MONEY

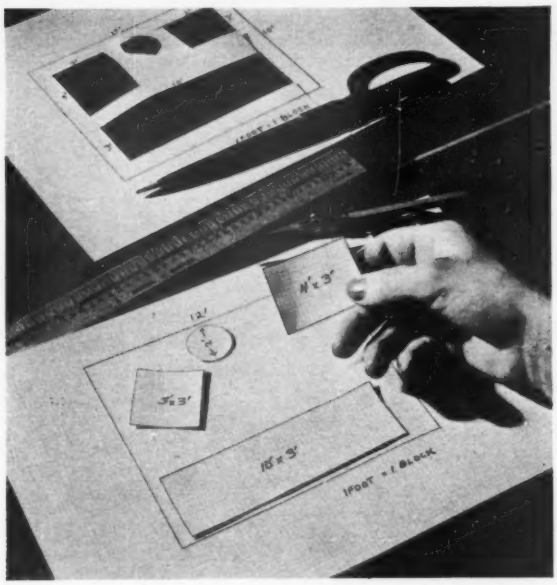
Cordlike and pliable, Mortite is the perfect weather-stripping. Goes on in a jiffy without tools or tacks. Keeps out wind, dust, dirt. Anyone can press it around windows, doors, transoms, baseboards. Weatherstrip a whole window for 29¢—costs even less if you use the larger package. Get Mortite at stores or write for circular. J. W. Mortell Company, 528 Burch St., Kankakee, Illinois.

Rescue your worn rug with iron-on binding

By Theresa Knapp

You don't have to throw away your rug just because some of it has been worn bare. Iron-on binding, available in 1½- or 2¼-inch widths at most department stores, makes it possible for you to use the good pieces as smaller rugs. Just cut the rug, shave the pile from the edge, and iron on the binding. You can dress up the rug—and make it larger—with an edging of upholstery fringe double-stitched through the binding.

If you plan your cutting carefully, you'll be amazed how much of the worn rug you can rescue. These step-by-step pictures will show you how to go about using the binding yourself.



Draw a paper pattern. Make a scale diagram of the old rug on squared-off paper. Then, on a second sheet of squared paper, draw scale models of the small rugs you want to make. Cut out the models of the small rugs and lay them on the first sheet. Juggle the small rugs around for best results—but be careful to avoid placing them over worn spots in the old rug. When you have decided the most economical way to cut the old rug, paste the small rug models in place on the diagram of the old rug.

More on next page

Men's Liqua-tex Pull-over Boot. Here's a brand-new boot for the man of the family . . . sturdy and masculine . . . very light weight . . . gives Dad complete weather-proof protection in suburbs or country. Looks neat and smart in town.

The Sheboygan—warm, welcome answer to chilly toes. Fleece lining, shearling cuff mean stove-side coziness. Can be worn with casuals or party slippers.

The Strand—A beautiful Velveteen Gaiter in green, brown, or black. A striking new elastic shirred front for easy on, easy off. Fits over buckles and bows.

Betty Boot. Double protection for kiddies. Special top band that brilliantly reflects auto headlights. It may save a life! And this all-rubber boot has special fleece lining for weather-proof warmth.

LOOK FOR THE RED BALL ON THE SHOE AND IN THE STORE

Ball-Band
Weatherproofs

TRADE MARK

Reg. U. S. Pat. Off. 1901

MISHAWAKA RUBBER & WOOLEN MFG. CO., MISHAWAKA, INDIANA

MAYTAG MASTER—huge square aluminum tub keeps water hot longer.

Because you don't buy a washer every day . . .

...be sure to see a Maytag!

When you buy a new washer, you want it to last for years. Maytags *do*. Right now, many women are using Maytags that are 20 or 25 years old!

You want your washer to get clothes really clean, too. Maytag's exclusive Gyrafoam washing action gets clothes sparkling clean *quickly*.

And you never have to hang up heavy, dripping clothes. The exclusive Maytag Roller Water Remover takes water out *thoroughly*.

You'll find three beautiful Maytags to choose from. There's one to suit your washing needs at the price you want to pay.

And . . . you can pay for your Maytag while you use it. Your dealer will give you a liberal trade-in on your old washer. You pay the rest in low monthly payments. (Your nearest Maytag dealer is listed in your phone book.)

Because you *don't* buy a washer every day —because the washer you buy must give you years of good service

MAYTAG CHIEFTAIN—America's finest low-priced washer.

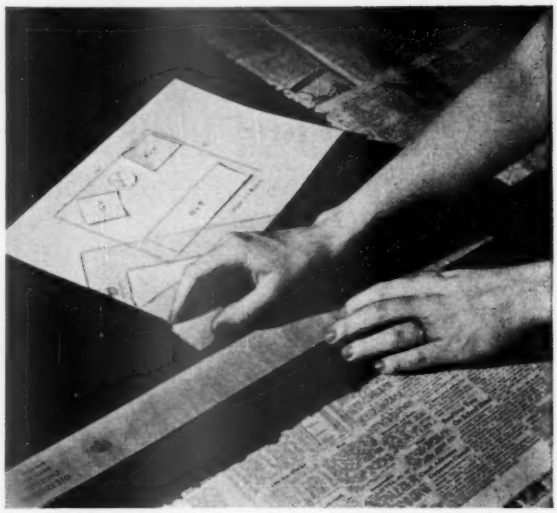
MAYTAG COMMANDER —large square porcelain tub.

. . . be sure to see a Maytag

THE MAYTAG COMPANY, NEWTON, IOWA • WASHERS • IRONERS • RANGES • FREEZERS

Rescue worn rugs

Begins on preceding page



Outline the pattern on the rug. Spread the rug flat on the floor, pile side up, with several layers of newspaper under it. Mark areas planned for the smaller rugs. Use white chalk to mark dark rugs, dark crayon to mark the light-colored rugs. Then cut the rug carefully along the chalk marks with the largest scissors you have. Slide the blade down through the pile and cut only the backing. If your rug has an extra-long pile or looped tufts, hold a spatula along the cutting line to prevent slicing through any of these tufts.

Shave the edge. After the rug has been cut, shave the pile off a one-half-inch strip along the edge. Shaving makes a firm, flat surface for the binding to adhere to. Use a single-edge razor blade or a sharp razor in a holder. Be careful not to cut or weaken the backing as you shave off the pile.

More on page 186

Revolutionary New Mattress Improvements!

An entirely different, exclusive Smooth-Top mattress construction by Serta now guarantees *everyone* a thrilling new kind of sleeping comfort—*available nowhere else!*

...proved by X-rays

Normal person on "Perfect Sleeper" Mattress. Spine is given healthful, *level* support–recommended by leading orthopedic doctors. This permits complete relaxation, more restful sleep.

Mattress with "soft" individually pocketed coils. Doctors say sagging spine often causes muscle strain and backache. "Form fitting" springs confine body heat, cause restless sleep.

Serta

"Perfect Sleeper" Mattress

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America's Greatest Mattress Value!

$49.50

Matching Box Spring Same Price

See and Feel the difference Today—at leading Furniture and Department Stores

"Perfect Sleeper" Supreme Mattress cushioned with Foam Latex $79.50
"Perfect Sleeper" DeLuxe Mattress and Box Spring ..... each $59.50
Restal Knight & Serta-Rest Mattress and Box Spring ..... each $39.50
Tiny "Perfect Sleeper" Crib Mattress $14.95

"Perfect Sleeper" Orthopedic Mattress..$59.50
"Perfect Sleeper" Orthopedic DeLuxe..$69.50

(Canadian Prices Slightly Higher. All Prices Subject to Change Without Notice.)

Serta Bedding Available in Twin, ¾ and Full Size—Also Extra Widths and Lengths.

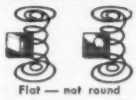
Every "Perfect Sleeper" Mattress and Box Spring is Unconditionally Guaranteed against any defects caused by faulty materials, workmanship or construction.

Sensational Exclusive Serta Features

"Uni-Matic" Spring Top

Live "Ribbon Steel" bands across tops of coils give resilient "all-over" support from head to foot.

"Vitalized Cushioning"



Center section of "Perfect Sleeper" is built with patented, deluxe "Ribbon Steel" coils. Helps maintain the healthful support doctors approve, provides wonderful new, more resilient comfort—exclusive with Serta!

Serta Smooth-Top (Tuftless) Construction

More comfortable, more restful. No bumps, buttons, or hollows. Non-stretch, non-shift, non-sag. Built by recognized leaders in tuftless innerspring mattresses, praised by hundreds of thousands of satisfied users from coast to coast.

It's America's Favorite Smooth-Top Innerspring Mattress!

Automatic Comfort Adjustment Regardless of your size or weight—the "Perfect Sleeper" adjusts automatically to your comfort needs.

Serta-Form Border—Will not sag or break down. Permanent flexible "Ribbon Steel" inner edge reinforced with extra-strong coils.

Scientifically Improved Box Spring

Special raised Serta edge construction gives ideal support, protection and matching comfort. Dustless, noiseless. Dresses bed more beautifully.

SERTA ASSOCIATES, INC. 666 Lake Shore Drive, Chicago, Illinois

See the proof— watch Live-Water action get clothes really clean!

See a demonstration! Compare the results! See how much whiter and brighter clothes get in the Frigidaire All-Porcelain Automatic Washer!

Prove for yourself that the Frigidaire Automatic Washer is really different—that Live-Water action gets clothes really *clean*. Lift the cover of this washer and watch the rolling, penetrating currents of hot, sudsy water that produce all the washing motion—with no pulling or yanking to wear clothes. See how things are always washing *in water*—not half in, half out. And notice that clean, clear water is used for each wash and rinse. Yet this washer makes maximum use of each drop of hot water for finest laundering.

Feel the difference, too—feel how much lighter, drier clothes are when you take them out of this washer! Rapidry-Spinning really gets water out—gets much of your laundry ready for ironing immediately.

Visit your Frigidaire Dealer today—ask for a demonstration of the Frigidaire All-Porcelain Automatic Washer, the Frigidaire Electric Ironer and Automatic Clothes Dryer. Find your Frigidaire Dealer's name in Classified Phone Directory. Or write Frigidaire Division of General Motors, Dayton 1, Ohio.

FRIGIDAIRE

The All-Porcelain Automatic Washer

Porcelain interior cleans itself—porcelain exterior whisks clean with a damp cloth. Only Frigidaire offers the advantages of porcelain inside and out!

Only bubbly, active suds come out of Frigidaire's Underwater Suds Distributor. No undissolved soap or detergent to stain clothes.

It's all automatic! Touch the amazing Select-O-Dial—and this washer does the rest. Or you can hand-control the washer for special things.

How to reupholster your

Before. When a seat cover begins to fray and tear at the edges, when it wrinkles up over the padding as this cover is doing, it's time to reupholster. Do the job before the padding wears thin or it, too, will need repair or replacement

If your dining-chair seats are screwed to the frame—and most are—you can reupholster them yourself by following these how-to pictures.

Choose a sturdy material for your upholstery. If you're matching your drapery material, be sure it's heavy enough. You may want to try the new metallic-shot fabrics or leather-finish plastic.

1. Remove the chair seat. Soft padding under the chair will protect the finish. Number seats and frames with chalk so you can reinsert the seats correctly. Then take out corner screws. Screw lengths may vary, so keep screws in a small sack tied to the chair frame from which they were taken

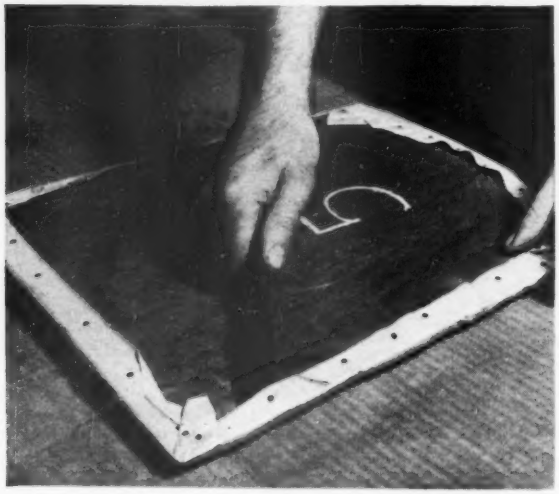
dining-room chairs

By R. R. Kyl

After. Slick new upholstery, snugly fitted over seat, makes the same dining chair new again. The secret in getting a professional-looking job is to fit the upholstery as tightly and neatly as you can. The results are worth extra-careful work

Before you buy your material, measure the chair seats and plan the amount of material you'll need. Upholstery material is sold by the yard in 36-, 48-, 50-, 54-inch widths. Decide from which width it will be most economical to cut the covers—leaving an ample 2½-inch tacking allowance on all sides.

Now here's the upholstery process step by step:

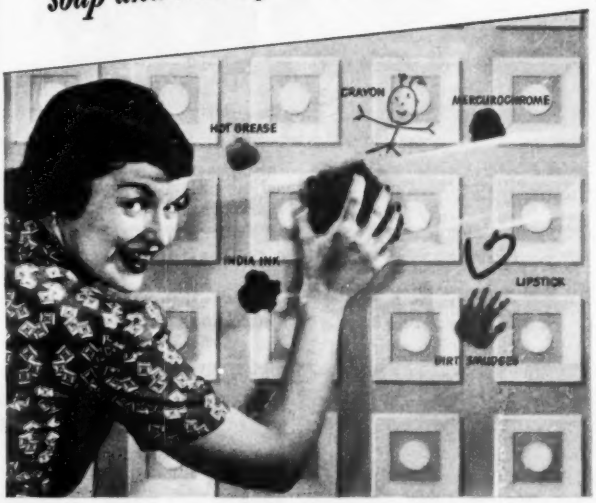


2. Remove the old upholstery. Lift out tacks carefully with a wood chisel so that material doesn't tear. Smooth the padding after the cover is off. If it has worn thin, cover it with a layer of cotton felt. If it's badly worn, build up bare spots with upholsterer's curled hair before you cover it with felt

More on next page

Decorate with VARLAR Stainproof Wall Covering

...and you can "redecorate" with soap and water year in and year out!



VARLAR

Washes Like Tile... Cuts Decorating Costs!

NOW, at last, a wall covering as beautiful as the most beautiful wallpaper—yet washes like tile! It's amazing new Varlar Stainproof Wall Covering! Even hot grease won't stain it! Nor will steam, water, hair oil or mercurochrome mar its lasting beauty. Even lipstick, crayons, India ink, salad oil and shoe polish wash right off—with plain soap and water! Resists fire, bacteria and vermin too!

Over 100 Beautiful Styles

Yes, Varlar is a remarkable scientific discovery combining *all* of the best features of *all* previous wall coverings. It hangs as easily as wallpaper and stays new looking for years*! You can "redecorate" any time you want—with ordinary soap and water—without any expense, any muss, any loss of time! Your choice of over 100 decorator-approved styles—in smart, colorful florals, plaids, geometrics, pictorials, stripes, tiles, two-tone tints and solid pastels.

Truly, Varlar is *amazing!* Send for your free sample today, and see how lovely, how stainproof, how washable it is!

**Rigid laboratory tests show that Varlar STILL looks "brand new" after 25,000 washings!*

FREE TEST SAMPLE! Mail Coupon Today!

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Send me my free sample of Varlar. Bet *I* can stain it!

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"Twins this time? You'll need *two* rolls of cellophane tape this year, Laughing Water!"

HOW EXTRA ROLLS OF THIS THRIFTY TAPE

Make home repairs easier

TORN PLASTIC APRONS can be mended quickly with a strip of firm-holding "Scotch" Cellophane Tape.

WINDOW SHADE RIPS need immediate attention—use that handy roll of cellophane tape for invisible mending.

CRACKED DOLL HEADS are easy to repair—cellophane tape does a neat plastic surgery job.

SHOWER CURTAIN TORN? A strip of cellophane tape on the dry side of the curtain makes a good temporary repair.

HARD-TO-REACH REPAIR JOBS are simplified by putting "Scotch" Brand Tape (sticky side out) on screwdriver end. Screws and slotted bolts stick tight.

IMPORTANT: There's more than one brand of cellophane tape—for quality always insist on the "SCOTCH" brand, in the bright plaid dispenser.

Get the tape habit—it's thrifty!

SCOTCH Cellophane Tape
BRAND

Made in U.S.A. by MINNESOTA MINING & MFG. CO., St. Paul 6, Minnesota, also makers of other "Scotch" pressure-sensitive tapes, "Underseal," "Scotchlite," "3M" Abrasives, "3M" Adhesives.

ANOTHER 3M PRODUCT

General Export: DUREX ABRASIVES CORP., *New Rochelle, N. Y.*
In Canada: CANADIAN DUREX ABRASIVES LTD., *Brantford, Ontario* © 1949 3M CO.

How to reupholster your dining-room chairs

Begins on page 148

3. Mark and cut the new cover. Smooth out the old cover and use it as a pattern for the new seat covers. Mark the outline on the material with crayon or dressmakers' chalk. Then cut carefully with heavy scissors along the lines marked

4. Begin the tacking. Sand down all sharp corners of the seat frame so that the new cover can be fitted smoothly. Place the material face down on the padding with the seat over it face down. Put one tack in the middle of the straightest edge of the seat (we started with the front). Draw the material snug and put another tack in the opposite side. Tack the other two sides in the same way. Be sure the upholstery material is straight. (Check this from the right side of the seat.) Then tack all along the sides, again starting with the most regular edge. Leave about 1½ inches free at each corner

More on page 152

Look what
LA FRANCE BLUING
does for your wash!

Better than any other bluing—Most bluing covers up "yellowness" with a light tint of blue. Many bluings over-blue, leaving a blue tint. New La France makes clothes whiter by adding whiteness.

Actually adds whiteness to clothes—Because of its new light-reflecting ingredient Luminess, the New La France makes white clothes whiter than new. You can see the difference!

Actually brightens colors—Again, it's the Luminess that helps New La France to do what no other bluing can claim: make colors brighter instead of duller!

Whites and color-fast tinted items together! Now—you can wash color-fast colored things in with your whites! New La France will whiten one and brighten the other!

Easy to use as adding salt to recipe—All you do is add a quarter box of La France when you add the soap or soapless detergent. It's easy as that! No extra bluing rinse needed, either.

A PRODUCT OF GENERAL FOODS

Works as well in washers as in tub laundry—La France works just as wonderfully in the new automatic washers, as in agitator-type washers, or hand laundering.

Perfect with soap or detergent—Use any soap or any detergent. New La France was made with both soaps and detergents in mind.

Can't streak, spot or cause rust spots—Old-fashioned bluings can do all three, unless used with great care. La France can't—if used properly—because it goes in with the soap or detergent and is completely dissolved during washing.

Guaranteed or double your money back—If you can't see the difference in whiteness and brightness when you wash with La France, mail the box to General Foods, Hoboken. We'll send twice the price you paid.

Costs only pennies per week—What a mighty pile of work it does for small pay! Get New La France today . . . try it next time you wash!

LA FRANCE BLUING

with whitening—brightening Luminess!

...for *Superiority* in pressure cooking ...it's MIRRO-MATIC

● In every field, there'll always be a "best." Among pressure pans, that "best" is the one that is easiest to use and to clean . . . the one that gives you a choice of the *right* pressure, 5, 10, or 15 lbs. for your recipe . . . the one that controls your choice of pressure *automatically* and audibly . . . the one that's designed to let you use its full capacity, for cooking *or* canning. By these simple, basic tests, MIRRO-MATIC superiority stands out like a candle in the dark. See it for yourself and you'll understand why MIRRO-MATIC is America's "most-wanted pressure pan."

MIRRO-MATIC "8," full 8-qt. capacity, with rack and recipe book, **$17.95** (West, $18.95).
MIRRO-MATIC "4," full 4-qt. capacity, with rack and recipe book, **$12.95** (West, $13.95).

Get **MIRRO-MATIC** *at department, hardware, and housefurnishing stores, wherever dealers sell the finest aluminum.*

The MIRRO-MATIC Deep-Well Pressure Cooker is now featured in **ADMIRAL, GOOLERATOR, CROSLEY, ESTATE, FRIGIDAIRE, GIBSON, MARION, NORGE,** and **WESTINGHOUSE RANGES**

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THE FINEST ALUMINUM

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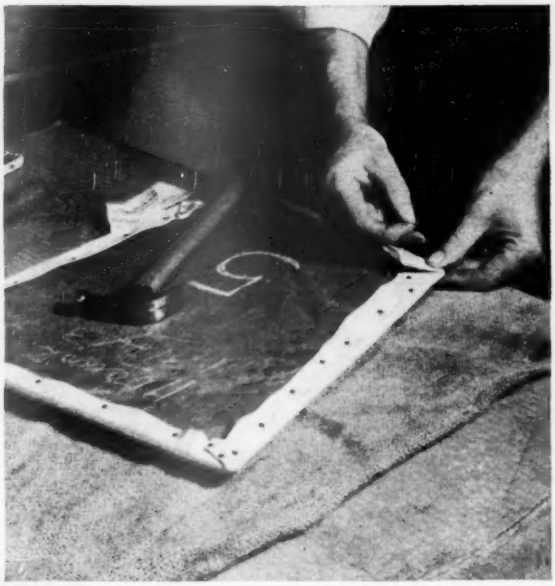
WORLD'S LARGEST MANUFACTURER OF ALUMINUM COOKING UTENSILS

How to reupholster your dining-room chairs

Continued from page 150

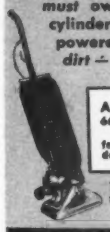


5. Tack the corners down securely. Fold under extra upholstery material at the corners. Refer back to the original seat cover to see how it was engineered. All of the corner folds must be neat and securely tacked or they will pucker later

6. Reset the screws—and your upholstering job is finished. Test all screw lengths before you put any of them back in the chair. The screws should be about ¼-inch longer than the thickness of the corner block so that they'll hold the seat firmly without splitting through the padding or upholstery

A POWERFUL *New* DIRT-HUNGRY
CADILLAC
VACUUM CLEANER
AT A *New* LOW PRICE

Want the most cleaning efficiency for your money? Then you *must* own the new Cadillac cylinder Model 301. Super-powered, it *really* gets the dirt — from floor to ceiling.



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Chicago 38, Ill.
for name of nearest dealer and demonstration. No obligation.

There's a Cadillac to fit every cleaning need.

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Revolving Brush and Cylinder
VACUUM CLEANERS

SINCE 1911 sold only by reliable dealers.

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Ebonettes
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Gloves

Slip into Ebonettes and the secret of prettier hands is yours—*so* easy and pleasant to wear. Satinized inside, on or off instantly! Short curved snug-fit fingers. Amazing non-slip finish that grips slippery things as if dry. Bare-hand efficiency in easy-to-wear Ebonettes of long-lasting DuPont neoprene. Buy Ebonettes at drug, grocery, hardware, paint, department stores. The Pioneer Rubber Company, 402 Tiffin Road, Willard, Ohio.

Guaranteed by Good Housekeeping

SSH! I'M USING MOM'S OIL ON MY BUGGY!
. . . MARGIE

T.M. REG. U.S. PAT. OFF.

Books

for every use

Top news this month is the new *Better Homes & Gardens Home Furnishings Ideas* book. Last year this popular book sold out completely in a few short months. Now you can get an all-new edition . . . with more pages, more color photographs, and more of the latest ideas on home furnishing and decoration. There is a separate chapter of ideas for every room in your house. Better get your copy of this best seller right away. The price is still only $1.

Holidays ahead—and that means lots of guests with special meals to plan and prepare. You're going to be a mighty busy homemaker in the weeks ahead. So if you don't already have a *Better Homes & Gardens Cook Book*, now is the perfect time to get one. The many special helps for holiday meals and the more than 1,000 recipes, each tested three times for taste, appearance, and ease of preparation, will make your holidays happy days. Remember, too, that the *Better Homes & Gardens Cook Book* is the perfect gift. Only $2.75.

Another new book—It's a new edition of *Five Star Homes*, with 71 outstanding homes designed by skilled architects. This is the book which shows an exterior illustration and floor plan of almost any style and size of home you may want to build. And best of all, you can go full speed ahead with your plans to build one of these *Better Homes & Gardens* homes. Complete working drawings, specification forms, and material lists are available for each. Only 50c.

A book for every dog owner—*Your Dog and Mine*, written by Russell K. Lowry, is an everyday guide to the proper care and training of your dog. You'll have a healthy, well-mannered canine member of the family by following the authoritative advice in *Your Dog and Mine*. $1 per copy.

A few copies of *Better Homes & Gardens* 1949 *Home Building Ideas* book are still available. For complete information on planning and building your home, order your copy today. $1 per copy.

How to get these books—newsstands, book and department stores almost everywhere have them. Or use this coupon to order direct from *Better Homes & Gardens*.

5510 Meredith Bldg., Des Moines 3, Iowa. Enclosed is $_____ for the books checked below.

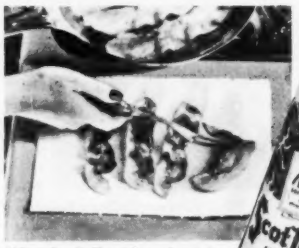
- ☐ Home Furnishings Ideas—$1
- ☐ Cook Book—$2.75
- ☐ Five Star Homes—50c
- ☐ Your Dog and Mine—$1
- ☐ Home Building Ideas—$1

NOW—ScotTowels
so strong when wet

YOU CAN USE THEM LIKE A CLOTH!

They work harder! ScotTowels take over dozens of new scrub-up chores—with soap, cleanser, metal polish. They don't fall to pieces when damp. And after use—simply throw them away!

Softer, more cloth-like! At once your fingers feel their greater softness, their more cloth-like pliability and absorbency. They mold around your hand like a glove. 150 to a roll.



Wonderfully absorbent! ScotTowels soak up grease *fast* . . . make bacon crisper, more delicious. Perfect, too, for flouring fish.

SOFT-TUFF
process keeps them soft, absorbent!

At dealers everywhere.
Scott Paper Co., Chester, Pa.

"SCOTTOWELS", "SOFT-TUFF" REG. U. S. PAT. OFF.

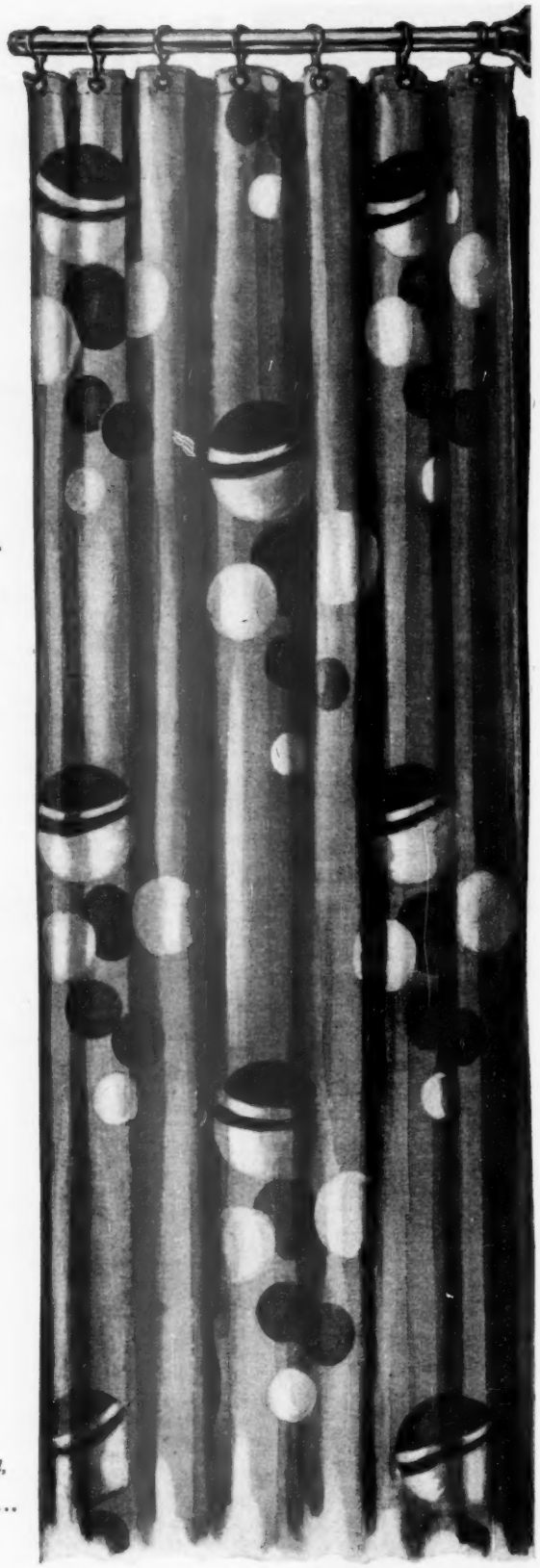
won't blow...

won't billow...

won't cling...

Say goodbye to shower curtains that billow like sails... to shower curtains that cling like adhesive! Fleecenap is beautifully different. It's heavy enough to keep its place... never blows or clings to you. It's velvety soft... wonderful to touch... never clammy. And Fleecenap is handsome as well as hard-working... lots of beautiful patterns to glamorize your bathroom. Get set to see Kleinert's Fleecenap... soon!

Bubble pattern illustrated at right above... $5.95 Solid color Fleecenap curtains shown at left above... $4.95; with your own three letter monogram $6.95. Matching window drapes... from $4.95.



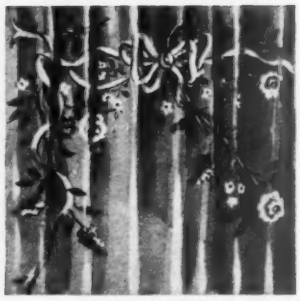
Beautiful* Fleecenap Shower Curtains

exclusively

*Kleinert's

Kleinert's Shell and Coral Shower Curtains

4 color photographic print on satiny, strong Alluron plastic. Crystal ground with blue, green, black or wine. Shower curtains $5.95; matching ruffled window curtains $5.95.



Kleinert's hand painted Alluron Shower Curtains

Waterproof Vinyl... painted by hand, each one an individual masterpiece. There's a pattern for every bathroom... to make it a decorator's dream... $8.95 and $9.95. Matching ruffled window drapes... $8.95 and $9.95.

*® *Prices slightly higher on the West Coast*

Don't kill your youngster's curiosity

Your boy or girl learns best from the world around him. Give him a chance to discover and explore

By Nell Giles Ahern

Your boy or girl was born with the fresh and curious eye of an explorer. From the beginning he reached out to touch, to see, to hear, to smell, to taste his world!

You want him to keep that interest in the world when he grows older, that ability to live through all five senses. But do you treat him as though he were a young Columbus? Do you encourage a zest for living? Do you help his senses come alive?

Probably not. You pull him squirming to your knee, point to a picture in a book, and say, "Now, Charlie, what's that?"

What's that? . . . what's that? . . . what's that? . . . page after page. And if Charlie tries to wiggle away from this secondhand view of life, you worry lest he isn't very bright.

Oh, throw down that picture book! Take Charlie by the hand and walk outdoors. Are the leaves red and golden? Let them rustle through Charlie's fingers. Is the wind blowing? Show him how it makes the trees wave and bow and seem to say, "We're having a lovely time!"

Poets and artists—and explorers—keep the eyes of childhood. That's their secret. Walt Whitman ran his fingers through the grass and saw it as the "beautiful uncut hair of graves." Edna St. Vincent Millay, observing the "woods, this autumn day, that ache and sag and all but cry with colour," exclaimed, "Oh, world, I cannot hold thee close enough!"

What will happen to the explorer, the poet, the artist in your boy or girl? That depends on you.

When he's old enough to hear stories about animals, you read the story of Red Riding Hood to him.

"What's a forest?" says Charlie.

"A lot of trees," you say, "like this." And you show Charlie a picture of a lot of trees.

But can a picture tell Charlie how pine needles feel under his feet? Or how shadowy a forest is, or how silent?

"What's a wolf?" says Charlie.

Then do you take Charlie to the zoo and let him look directly into the sly, yellow eyes that deceived Red Riding Hood?

No. "A wolf is a wild animal," you say, showing him that picture of a sharp face.

Where's the emotional impact? And if there is none, what does the story mean? Nothing.

But how should you teach your youngster? He is an explorer. You must be one, too. Look at every common thing as though you'd never seen it before.

Suppose your Pat is 2, the age of *touch*, and of incessant motion. "Wanna go bus ride!" she says over and over. She loves to be on the move, and together you are explorers. In the primitive state, Pat sees, smells, hears, tastes, and oh, she *touches*—just for the pure joy of it, without curiosity and without thinking what it means.

As you stand on the corner waiting for the bus to lumber into sight, hold her in your arms and point down the road. "Watch! It's coming any minute!" Her whole attention is screwed to the spot.

"Listen!" you say. And finally there is the puff and snort of an exhaust and a shifting gear. Pat's face crinkles with delight.

"Here it comes! Oh, how big! And green!" you say. Pat's eyes sparkle. She claps her hands. Her mouth is a round ecstatic OH! As you keep pointing out each detail, she *feels* the experience with all five senses. Without knowing it, she is storing up memories of these details all tinged with happy emotion.

The door opens as the big, green bus puffs to a stop. Pat flings out her hand to *touch* it. You lift her inside to sit on a front seat, and Pat smoothes her finger over the brown leather.

The feel of movement, the rushing wind, the sight of a flag flying, drifting leaves . . . point out each detail, though you have done it many times before.

When you walk past a bakery, stop to say, "Smell the bread!" Nothing is too small to notice, because everything is new. A mind trained to look with a fresh eye will never be bored.

When Pat is an old, old lady she still will find the sky above her and the earth at her feet and much to look at in between. [*Turn to page 194*

A Better Homes & Gardens child care and training feature

Made like
Cellucotton* surgical dressings
and that tells you

Delsey*

the more absorbent toilet tissue

won't irritate

sensitive areas

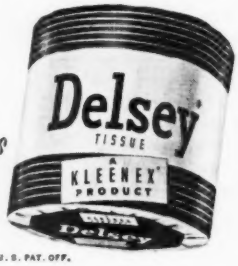
This extra gentle, more absorbent toilet tissue is SAFER BECAUSE IT'S SOFTER.

Constant daily irritation of sensitive membranes so often causes dragging pain and embarrassing distress. Delsey's greater softness gives *real* protection against the danger of irritation.

It's a pure white tissue, double-ply for extra strength. Contains no impurities which might be harmful to even the tenderest membranes. It is *soft* as only the makers of Kleenex Tissues can make it . . . and like Kleenex, it's made under strict sanitary control!

You can have Delsey's extra comfort and protection for only a few extra pennies a month. When you find how wonderfully different it is, we believe you'll want Delsey always. 7 rolls cost only one dollar.

Safer because it's softer -soft like Kleenex Tissues*



2 for 29¢

*T. M. REG. U. S. PAT. OFF.

Pretty, practical

An expert shows you how he got it

When Mrs. Francis Keran, Berkeley, California, planned the redecorating of her bedroom, she asked interior designer Klaus Pfeffer to give her a room that was practical and pretty. How he attacked the problem and got the effect Mrs. Keran wanted may serve *you* in good stead when you are redecorating a bedroom.

"There were six problem windows in this 13x14-foot room," says Pfeffer. "I tackled those first. The solution was to create the illusion of one important window unit by the use of a single sweeping cornice. The narrow

BEFORE This was the bedroom as designer Klaus Pfeffer found it. The room wasn't a problem, but the windows were

AFTER Windows were unified with a single cornice and drapery treatment. Night stand, and chest and headboard of same height give clean, smooth-flowing look

bedroom

By Pearl B. Steward

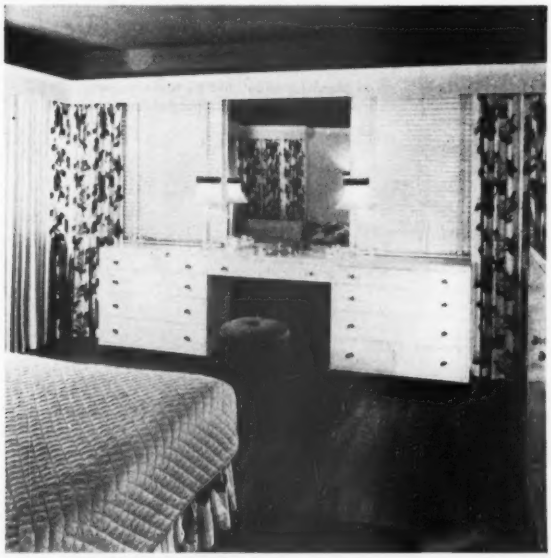
strips of wall between windows would be covered by floor-length draperies, and the wide space between two of these windows was a natural for a large dressing-table mirror.

"As for practicability, we took care of that with a large, well-lighted dressing table, and with built-in units.

"Decorator Doris Conner suggested the print for curtains, pillows, and dust ruffle on the bed—a patterned fabric of camellia blossoms. From this print we color-schemed the room: We dyed the full-length traverse draperies the same shade as the pink blossoms in the print; picked up the leaf green in ceiling and rugs; used the dark rose tones of the fabric for color accents."

BEFORE Storage space was limited to chests and a small closet. Space under chest of drawers was a dust-catcher

AFTER Built-in chests were paired off under the windows with the center section forming a generous dressing table. The mirrored wall space adds a note of elegance



AMAZING SELF-POLISHING SIMONIZ FOR FLOORS

OUTSHINES THEM ALL!

Costs less to use because it lasts longer!

Millions of housewives are switching to Self-Polishing Simoniz. They find it gives longer wearing beauty and keeps their floors brighter. For the same lasting loveliness that makes Simoniz so famous for cars—insist on Self-Polishing Simoniz for your floors.

Sold by grocery, hardware, variety, drug, paint, 5 cents to $1, auto accessory, department stores—linoleum dealers everywhere. THE SIMONIZ COMPANY, CHICAGO 16, ILL.

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FOR LINOLEUM, FINISHED WOOD, ASPHALT OR RUBBER TILE AND TERRAZZO FLOORS

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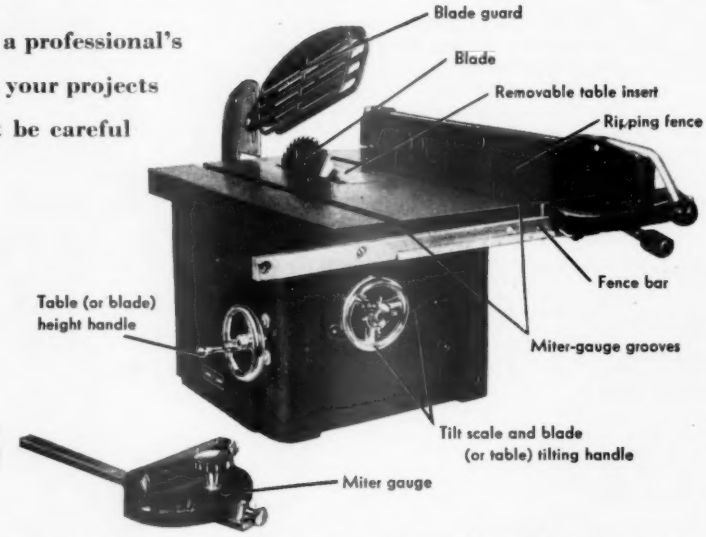
Do more jobs with less effort—

How to use a circular saw

This versatile power tool will add a professional's accuracy to your work, and make your projects a pleasure instead of a task. But be careful

By Bob Gilmore



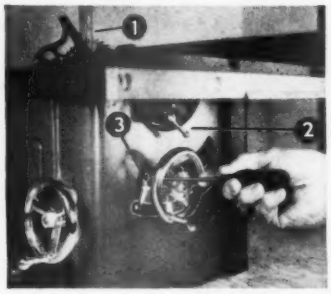
Usually the first power tool a serious amateur craftsman buys is the circular saw. It has a fast-moving circular blade, with teeth around the edge, and it is the one machine best suited for sawing a perfectly straight line.

It can make a variety of other cuts, too—miters, compound miters, grooves, bevels, spirals, coves, moldings. With the right blades or abrasive wheels, it can be used to work metals, plastics, bone, or stone. You can turn it into a fair disc sander. If you want it to, it will serve as a grindstone in a pinch. But its big job is sawing; with it, you can make nearly every cut and shape needed in building an entire frame house.

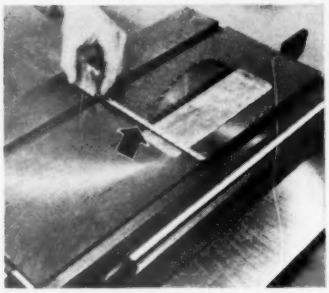
Most circular saws designed for home workshops have blades 6, 7, or 8 inches in diameter; the 8-inch size is by far the most versatile. Prices range amazingly, from around $35 without motor to nearly $300 with motor, depending on size, precision of manufacture, and the number of accessories.

In both floor and bench saws, the circular blade has a ½- or ⅝-inch hole in the center, and is attached to an arbor which whirls it. This arbor is mounted within a base which may also hold the motor.

The same base supports the saw table, a flat surface on which cutting is done. There is a slot near table center through which the blade projects, and two parallel channels for a sliding miter and cross-cutting guide. [*Turn to page 160*

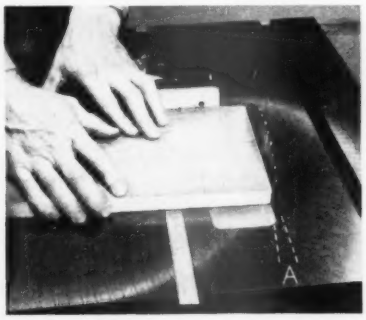


Adjust your saw for accuracy and safety. Blade should be vertical when tilt scale reads zero. To adjust, use a square to set blade at right angle (1), then lock with lever (2). Reset pointer (3) at zero. If table tilts, adjust stops



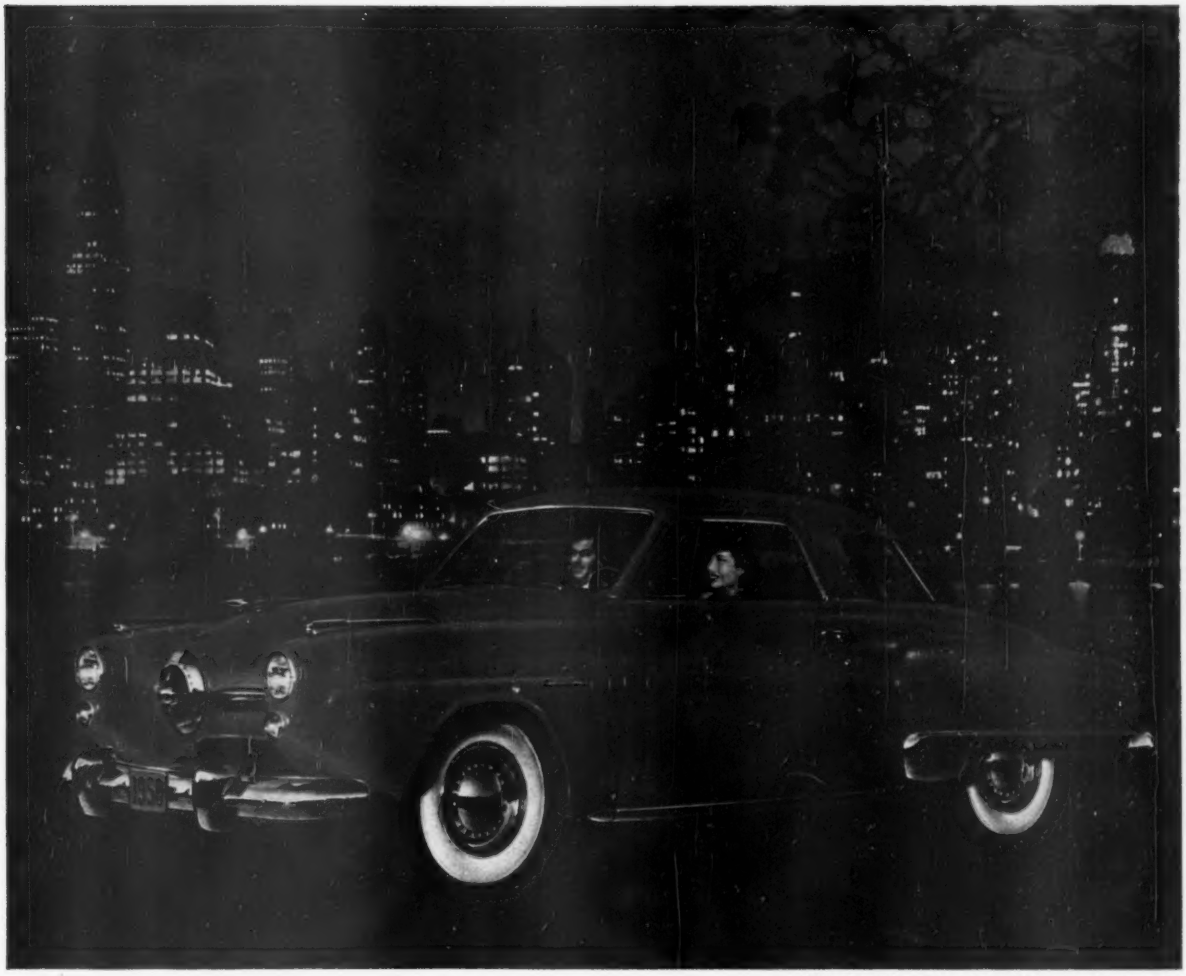
Miter-gauge grooves must parallel blade for square cuts. To check, measure from a groove to front and rear of raised blade. If measurements aren't identical, loosen table-mounting screws, tap the table into line, and retighten

Ripping fence must parallel blade. Check by looking along groove after aligning groove. If fence isn't parallel, loosen fence bolts, line up fence, tighten again. Unless blade, table, and fence line up, wood may wedge against blade, be thrown out



To check miter-gauge accuracy, crosscut wide board with gauge at zero, turn board over, and guide it past blade again. Inaccuracy will show up in angle (A) between cut and blade. To correct, loosen lock knob, move gauge head half of angle

To remove or insert blade, disconnect motor and use a block of wood to keep blade from turning as arbor nut is loosened or tightened. Nut can be secured with light pressure. Eight-inch blade cuts 2⅝ inches deep ***More on page 160***



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NEW 1950 STUDEBAKER

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The new 1950 Studebaker is here—and you can see at a glance that it's America's "next look" in cars.

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Here's a truly inspired 1950 Studebaker—dynamically new in form and substance—styled ahead and engineered ahead for years to come.

Paced by a breath-taking new Studebaker Champion in the low-price field, this is a complete line of completely new 1950 Studebakers.

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Discriminating America is giving the 1950 Studebaker an enthusiastic welcome. Stop in at a nearby Studebaker showroom. See the 1950 Studebaker—the "next look" in cars!

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You'll get lasting enjoyment from beautiful new draperies and slip covers made of Fincastle Fabrics, and you'll find them so easy to own because of their reasonable cost! Ask about them at your favorite store. Fincastle's helpful booklet "Interiors Beautiful" tells you the easy way to make your own.

Send 25c in stamps or coin for your copy.

Fabric No. 3272—3 yards wide —can be used horizontally or vertically as illustrated.

Fincastle FABRICS

LOUISVILLE TEXTILES, INC., 1329 McHenry St., Louisville, Ky.

How to use a

Depth of cut is determined either by raising and lowering the table, or by raising and lowering the saw blade.

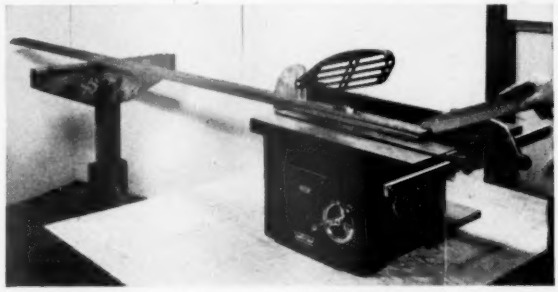
Most lower-priced saws have tilting tables for bevel cutting. But a few of them, and nearly all of the higher-priced saws, have tilting arbors. In that type, the blade pivots and locks at any angle from vertical to 45 degrees.

For long, ripping cuts, the circular saw has a blade guard. Usually it's a basketlike device that keeps the blade covered while work slides beneath. A thin "splitter" behind guard holds the cut open so the blade won't bind.

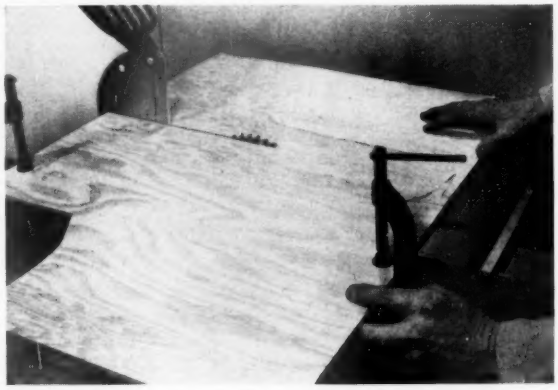
Also primarily for ripping long boards is the fence, a long, rigid guide parallel to the blade. Boards slide along this fence, which can be set to produce any width of cut within the limitations of the saw.

Crosscutting and mitering are done with the aid of the sliding miter gauge, usually with the fence and the blade guard removed.

Besides the more common bench and floor saws, there are special types—swing saws, cutoff saws, power hand saws, radial-arm saws, and sliding-table saws. But you'll probably become interested in these only after you are familiar with the kind shown in the photographs.

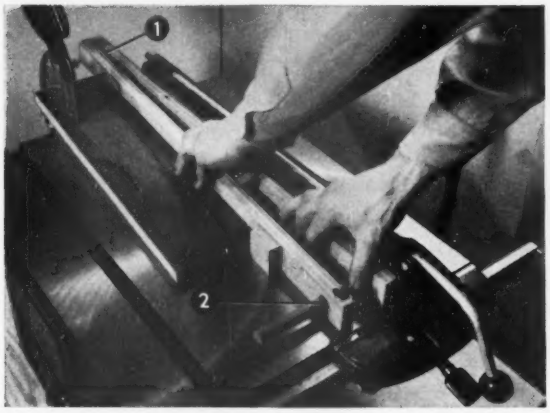


Ripping long boards demands care. Hurried feed may stall or overheat motor, too-slow feed may overheat blade. Let about one tooth depth project above board (here, blade is higher and guard raised to show ripping-type teeth). Safety push stick holds fingers clear of blade. A roller support subs for second person in supporting long board. Rip warped boards with extra care as they may bind

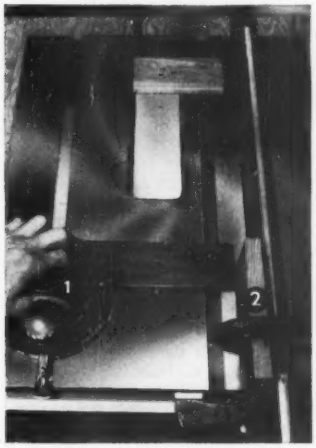


Wide panels are best ripped with table or fence-bar extensions, available at extra cost for most saws. However, occasional panel ripping is possible without such accessories. Clamp long, straight board to the panel's underside at the desired width plus distance from blade to table edge. Board becomes a fence, sliding along the table edge as a guide for the cut. When you are ripping up lumber, stand slightly to one side, and out of line with the blade, for safety

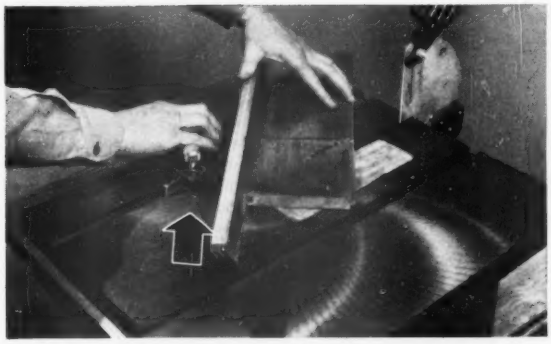
circular saw Begins on page 158



To rip tapers, you'll need a jig like this one. Make it from dry lumber or plywood at least ¾ inch thick. Hinge one end (1), and arrange a locking device (2) near the other to set the angle of taper. Lock above is marked to indicate the amount of taper per foot of cut



For crosscutting, hold the stock tightly against miter gauge (1), fingers safely back. This setup, with block (2) clamped to the fence, is one way to cut off many pieces of exactly the same length. Never use fence as a length gauge without the block, since pieces cut off might jam. Note absence of blade guard, standard practice in most crosscutting. Crosscutting and ripping blades are different, but a combination blade does both



Mitering most often done is at a 45-degree angle. Work creeps more readily than in square cuts, must be held very tightly. One aid to accuracy is the longer wood face (arrow), screwed or bolted to the miter gauge. Brads, driven into rear of the wood face until points project slightly on forward side, prick into the work and help hold it. Hollow-ground blade is often used for mitering, as it leaves a very smooth cut. Compound miters are cut with gauge and blade tilted

More on next page

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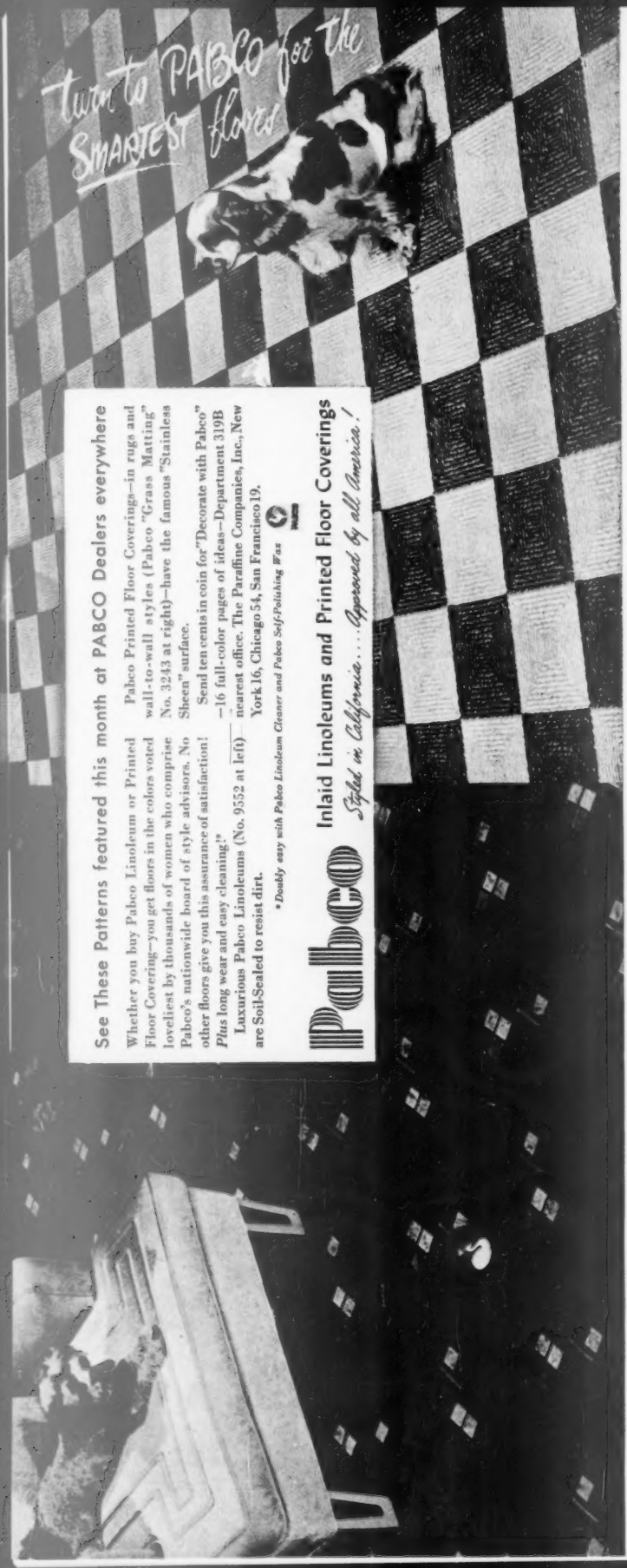
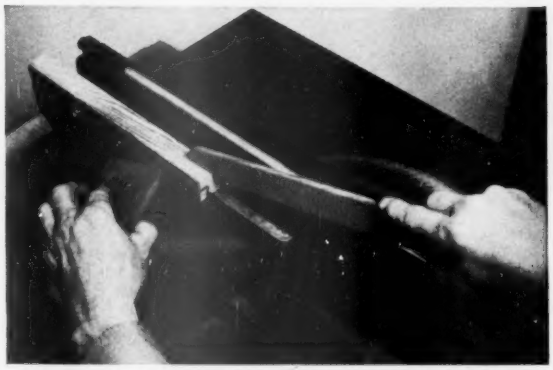
To get an enlarged reproduction of the above painting, ready for framing, send 25¢ in coin to Kenwood Mills, Box 306, Rensselaer, New York.

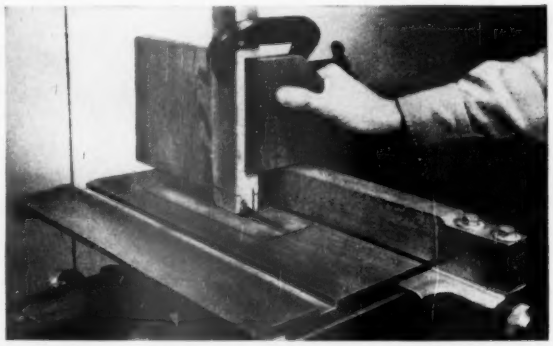


How to use a circular saw

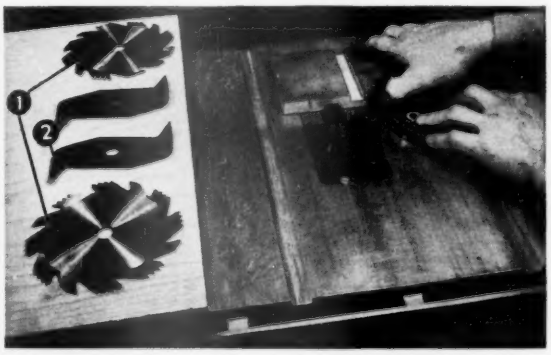
Continued from preceding page



Rabbet—a square step cut into an edge—is made with two cuts. First cut, being made here, should be slightly less than the depth of the finished rabbet. The second cut, marked on end of the piece, will enter to the exact depth and leave a clean inside corner. Note push stick and guide block to keep fingers in the clear. You can do rabbeting in one cut by using a dado head or molding-cutter head

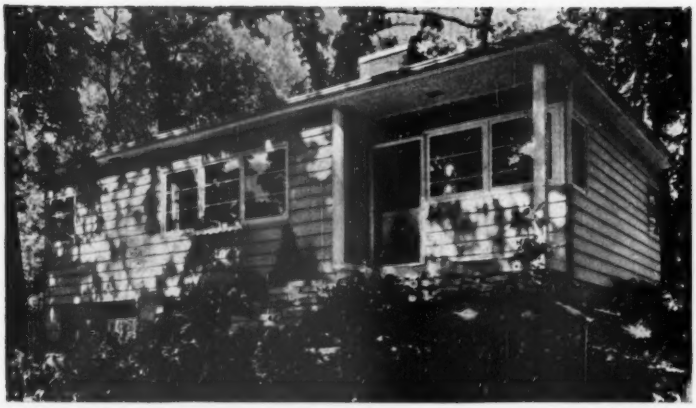


Clean tenons can be cut with an ordinary blade and homemade jig if you don't have a molding-cutter or dado head. Make the vertical cuts first with the jig, as shown above, then use the miter gauge to crosscut the shallow shoulder portions. To make both vertical cuts at once, you can mount two blades on the arbor, separating them the exact thickness of the tenon with a wooden spacing disc



Dadoes are rectangular channels cut in a board. You can make them with repeated passes over an ordinary blade, moving the work one blade width for each pass. But you'll find a dado head is faster and cleaner. It is made up of a group of blades—two outer discs (1) exactly alike, with chipper blades (2) of varying thickness to sandwich between until desired width of dado is obtained. You can use paper washers to space out for precise in-between widths

More on page 164



● The skillful exterior treatment of this charming small house shows how the proper use of the *energy in color* can bring out the best proportions of the building and emphasize the friendly invitation of the flagstone steps and the gay red door. (PHOTOS BETTER HOMES & GARDENS)

Rooms that are dull and cheerless lack the charm for gracious living. They deprive your family of the friendly warmth and comfort that help make a home!

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SOMETHING more than beauty is lost from living when your home is drab and color-starved. For you also forfeit the priceless atmosphere of homelike cheer that means so much to your family's happiness!

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COLOR DYNAMICS, the scientific use of the *energy in color,* enables you to choose arrangements that make your home refreshingly beautiful—and get the best out of every room. You can make your entrance hall as friendly as a smile—your bedrooms more restful—living rooms more inviting—kitchen and laundry more inspiring and efficient.

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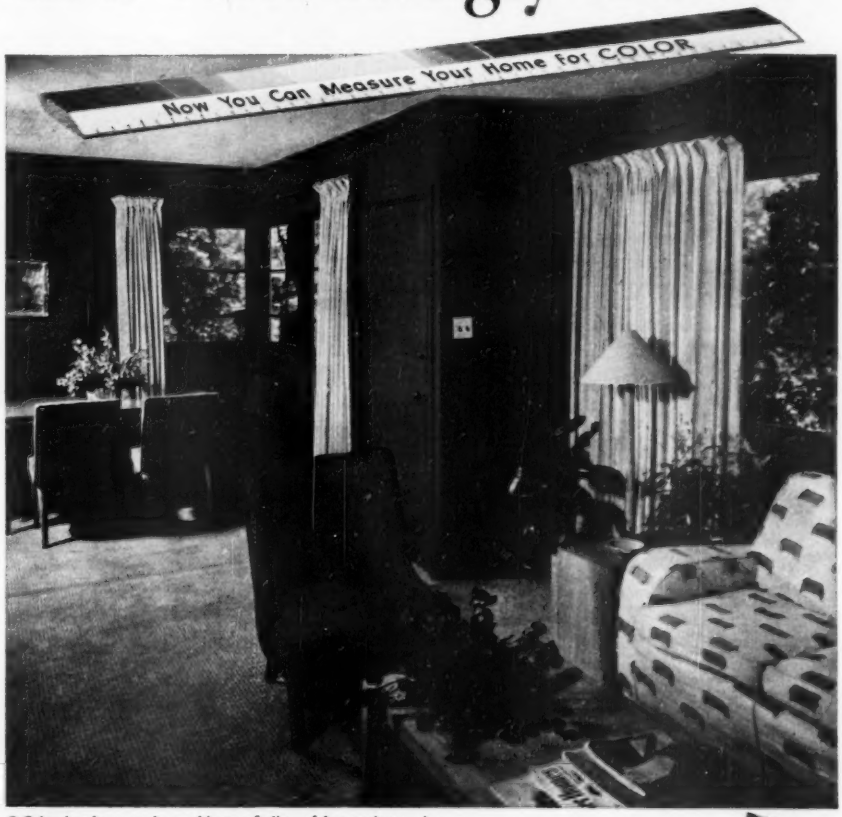

● Color has been used to achieve a feeling of harmonious unity and gracious welcome in this house and to give extraordinary distinction to each room. There's a cordial atmosphere of warmth and vitality in the living room-dining area, above, with its dark green walls and neutral carpeting.

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WHISK-OFF

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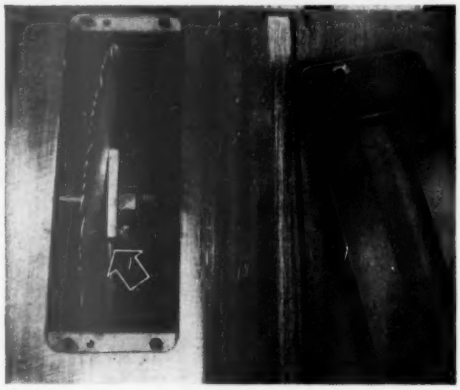
How to use a circular saw

Continued from page 162



Wobble washers let you cut dadoes of varying widths without removing or adding chippers. An adjustable washer (arrow) replaces regular arbor washer on each side of the blade. These can be set to throw the blade off-square, producing a side wobble that cuts a dado of desired width

Coves—concave channels—can be cut. Mark cove on end of board, then lay board on table and sight past blade until blade and cove coincide. Clamp board next to sighted piece as a fence. Sliding board along fence, start cutting with blade 1/16 inch above table. Raise blade 1/16 inch for each cut until right depth is reached. A sharp blade is essential

Moldings (arrow) of almost every conceivable shape can be formed with a molding-cutter head (circle). It replaces regular blade, usually has three identical knives. Feed straight edges over cutters with fence as guide. Irregular shapes, like sample being cut, need a guide like triangular block. Work is held square against the contact mark on the clamped piece

More on page 167

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Idea #1 COUNTRY AIRS

The floor: Handsome, long-wearing Sloane Quality Inlaid Linoleum, pattern No. 1640. Yours for only **$3.20** (approx.) per square yard, installed in an average-size kitchen.

Counter tops: Serviceable, easy-to-keep-clean Sloane Quality Marbletone Linoleum, pattern No. 0108.

Idea #2 SWEET SOPHISTICATE

The floor: Sparkling Sloane Quality Resilient Enamel Floor Covering, pattern No. 5311. So practical—so inexpensive. Only **89¢** (approx.) per square yard, install it yourself.

Counter tops: Color-bright Sloane Quality Marbletone Linoleum, pattern No. 0112. Long-wearing, practical.

Kitchen Beauty on a Budget!

See how little it costs to have the better design and truer color of Sloane Quality Linoleum Products

Idea #3 OLD WORLD CHARM

The floor: Rich, luxurious looking Sloane Quality Marbletone Linoleum, pattern No. 0112. Luxury at a budget price. Costs only **$3.00** (approx.) per square yard, installed in an average-size kitchen.

Counter tops: Attractive, work-saving Sloane Quality Marbletone Linoleum, pattern No. 0105. It's thrifty beauty.

Be bright about your kitchen . . . yet be pennywise. Here are three ways to do it. Each colorful idea started with the floor . . . as decorators do . . . as you can do so easily.

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How to use a circular saw

Continued from page 164

Circle being given a molded edge needs a guide with two contact points like this. Since the blade guard is never used with a molding cutter, extra care is needed in guiding and holding work. A circular saw is dangerous any time it is running with the blade exposed; don't take chances

Abrasive cutting wheel in place of the usual blade will cut either metal or stone. Here the wheel is being used to cut through copper tubing. Stop rod projecting from the miter gauge is used to obtain duplicate lengths of any material without measuring for each cut. This is more accurate than clamping block to fence (page 161)

Sandpaper cemented to a thin plywood disc converts your saw into a disc sander. You can use the saw blade to back up the sanding disc for added stiffness. Because the disc will spin at the normal saw speed of more than 3,000 revolutions per minute, feed the work past it slowly. Too much pressure or too rapid a feed may burn wood and ruin abrasive by melting it

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Give enough!
FOR ALL RED FEATHER SERVICES

Here's how to wash in an automatic

Begins on page 66

many you can skip or repeat any part of cycle, or stop and start washer whenever you wish.

For answers to some of your questions on automatic washers, see below.

What clothes are washable in an automatic?

Usually clothes washable in a conventional washer can be washed in your automatic. Read labels and directions which come with garments and household furnishings to see if they are washable. And hold onto these informative labels until you have washed the article. For rayons, nylons, and silks, use lukewarm water and a mild detergent. Wash only 3 to 5 minutes. Go easy with woolens. Too much agitation or tumbling mats and shrinks them. Two or 3 minutes is plenty. If clothes are badly soiled, loosen soil first by soaking in lukewarm water for about 5 minutes. Rinse in water the same temperature as the suds. If

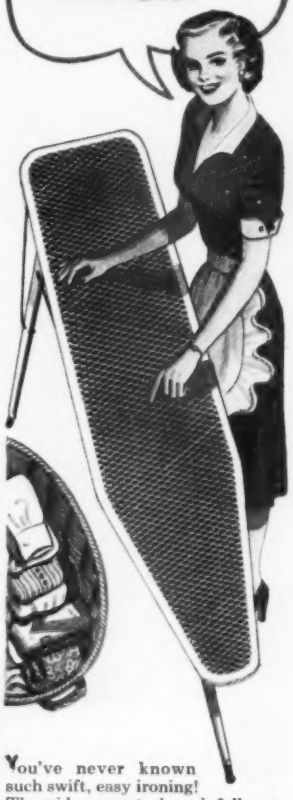
water is hard, use water conditioner or soften it before you add the soap. It's just as important to have the rinse water soft, too.

A common fault is to use too little detergent. Check washer instructions for specific amount to use.

What detergent shall I use for the family wash?

Many automatic washer manufacturers recommend the use of an all-purpose synthetic detergent. For cylinder-type washers a nonsudsing detergent is usually the type recommended. Either sudsing on nonsudsing detergents can be used successfully in agitator-type washers. These detergents are on the shelf at your grocer's, in housewares departments, or appliance dealer's. You can also use regular

The OPEN MESH makes all your IRONING EASIER!



You've never known such swift, easy ironing!
The wide-open steel mesh fully-ventilated top of the Rid-Jid Air-Flow lets more heat and steam flow through garments to iron them smooth and dry faster, with fewer strokes! Standard model is right for most women . . . but if you're tiny or tall, you'll want the Air-Flow Adjustable so you can choose the ironing height that suits you. Legs open, lock and close automatically.

See the Rid-Jid DeLuxe Ironing Table in standard and adjustable models with *specially treated guaranteed non-warping* wood top.
Rid-Jid makes ladders, too . . . more widely used than any others. There's a big difference in ladders so be sure to get a Rid-Jid.

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THE PATTERSON BPS SARGENT CO.
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BEST PAINT SOLD

Here's how to wash in an automatic

Continued from preceding page

washing soaps. If the water's hard, add a water conditioner or softener.

What is the best way to keep white cottons and linens white?

You need three things—hot water, a good all-purpose synthetic detergent or soap, and lively water action. In addition, you may also want to bleach or blue the clothes. All this you can do in your automatic washer.

Set washer temperature control dial on "hot." You can use water as hot as it comes from the water heater, because you don't have to put your hands in it. To make sure you have hot water in the tank, turn the heater thermostat up to 150° about an hour before you start. Don't put in too many large pieces or crowd the washer. Clothes should turn over freely in the water in order to get clean.

If clothes are stained or have a yellow tinge, add a household bleach to wash water. Some stains may need special treatment. If you save suds for washing colored clothes or when only a few pieces need bleaching, treat them in a separate tub for about 15 minutes before putting them in the washer. Follow manufacturer's directions for the amount to use.

You may add flake bluing to wash water at the start. No more attention is needed. Or you may use liquid bluing: Dilute it by adding 1 tablespoon bluing to a quart of water; pour into deep rinse. Tablet bluing should be thoroughly dissolved in warm water before adding to the rinse. Strain through a cloth if it looks cloudy. Add carefully. Always use the amount recommended by the manufacturer.

How do I wash clothes with heavily soiled areas?

Embedded soil on collars and cuffs needs extra attention. Rub gently with *soft* brush or cloth, and sudsy water. Then put in the washer with other clothes which require the same washing time and temperature as badly soiled ones.

How do I wash play and work clothes?

First shake out loose dirt. For most of your laundry, soaking is not necessary; but work clothes are often an exception. To soak clothes, fill washer with warm water. Drop in clothes and soak about 15 minutes. Then drain, spin out excess water, and run through regular wash cycle. Some washers have an automatic soak period as part of the cycle. If clothes are heavily soiled, a second sudsing may be necessary. In many washers this is possible by shifting the dial by hand.

What do I need to know about washing rugs and other large articles?

Large single items such as rugs and bedspreads can be washed, but be sure to distribute the load evenly if using an agitator-type washer. Otherwise, it may bunch on one side and cause vibration during spinning. Some washers have automatic shutoff switches which stop the washer if the load becomes unbalanced. Then all you do is redistribute the load and start the machine again. It will go on where it left off.

How do I starch clothes when I wash in an automatic?

If you wish to give a light all-over crispness to an entire load of clothes, add starch to a deep rinse. This is handy for curtains, draperies, slipcovers, and other bulky items which are clumsy to starch by hand. Use this method also if you have a number of dresses and aprons. To be evenly starched, clothes must agitate in the starch solution.

Can I tint fabrics in my washer?

Yes. You'll find it handy for bulky items such as curtains, draperies, cotton rugs, and slipcovers. Start with clean fabric, and be sure it is washable. Don't put more than one garment, one pair of draperies, or one rug in at a time. (Fabric should be wet.) Set dial at beginning of the cycle and fill washer with hot water. Add dye which has been dissolved in 1 quart of hot water. Follow directions on package for amount to use, and for the rinsing. That's all there is to it. In case you get dye on the outside of the washer, wipe it off right away to avoid staining.

What care does my washer need?

After use, wipe outside of washer with damp cloth. Occasionally go over washer with paste wax or appliance polish. During the usual family laundry the washer will clean itself inside if you use a synthetic detergent. But there are a few times when you need to give it a special cleaning. If you starch in the washer, flush washer out with warm water at once before any starch has dried in the wash basket or hoses. After washing non-colorfast or greasy clothes, or tinting fabrics in the washer, add detergent or water conditioner and let the washer go through one complete cycle. After you finish washing each time, wipe out the inside with a dry cloth and leave cover open so parts will dry. Turn off cold and hot water faucets to relieve pressure in hoses.

That's how easy washday clean-up is.

Lunchbox salad roll-ups

Roll up individual servings of finely shredded vegetable salad or coleslaw in a cabbage or lettuce leaf, fasten with a toothpick, and wrap in waxed paper. To eat, remove toothpick.— ***Mrs. Alta Gowdy, Los Angeles, California.***

Gown by Maurice Rentner

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12½-inch picture tube . . . 3 speed record changer for *all* the new records.

Here is *more* of *everything* you want in home entertainment . . . a 25% larger BROADVIEW screen that gives you clearer, brighter, steadier television than you've ever seen—due to brand new circuits . . . a Golden Voiced FM-AM radio with a new radar-type FM tuner that resists station "drift" . . . an automatic record changer that handles *all three* (78, 45 & 33⅓ RPM) record types . . . in a gorgeous hand rubbed mahogany cabinet. See it soon—compare it with others costing much more! Model 12VF4 *(above)*

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***New* BROADVIEW SCREEN**

A flick of the "Target Tuning" station selector—and you're seeing and hearing television at its very best . . . on a big, BIG 12½-inch picture tube with expanded BROADVIEW screen. New chassis develops more power—puts more brightness into the picture—guarantees all-round better reception. Hand rubbed mahogany or blond finish. See it—you'll be surprised by its low price.
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Manufacturers of Television, Radio for Home and Car and FM 2-Way Radio Communications Systems

Not every youngster can grow up to be a leader. Many will find their happiness in following or working by themselves. But if your boy or girl has the stuff of leadership, here's how to bring it out

If you really want them to be Leaders

By Farnsworth Crowder

As a parent with a normal ambition for your boy and girl, you no doubt would like to see him in the select company of those who run things. How is such a place achieved? What, if anything, can you do to help—or hinder?

You can't do much without some notion of what leadership is and what is involved. The Floyd Allisons thought they knew. They were determined that their own two youngsters were not going to be as obscure as they had been. Junior and Mildred, accordingly, were jockeyed along toward what seemed the great essential—the capacity to make a good impression.

Because poise and appearance count, the young Allisons were trained in gracious manners, were always groomed to a hair, and were sent early to dancing classes. Their folks stocked the back yard with play equipment to attract companions, and engineered parties and picnics. They emphasized generosity; giving in to others; forbearance in the face of selfishness, insults, and kicks in the shins. Both children were encouraged to sing. Junior was started on the saxaphone, Mildred on the piano. When Mildred showed a gift for dramatics and Junior for tennis, they were given professional coaching.

Through the years on into junior college, the home was a young people's rendezvous.

Junior and Mildred were popular, all right. They were intelligent and amusing, with social adaptability to spare. But they did *not* become leaders. They belonged to everything, but they headed nothing. And their folks, after all they had tried to do, were puzzled. Where had they missed? What, they wondered, was lacking in Junior and Mildred?

Leadership in human affairs *is* something to be wondered at. It's often attributed to certain personal qualities. To pin down these qualities, I once spent hours with the literature on the subject compiling a list of alleged necessary traits, qualifications, and secrets. That is, I kept the list until it got so long (nearly 100 items) and so contradictory that it was useless. No mortal could possess *all* the recommended virtues or follow all the recommended practices. Besides, there was the disconcerting historical fact that all kinds of people—bishops and pirates, stoics and orators, illiterates and scholars—have led, and led successfully.

It was a relief when I came to one author who admitted, "The only sure rule about leadership seems to be that there are no rules."

It happens, however, that psychologists who have been studying leadership in actual communities have come up with useful observations.

To begin with, they say it isn't true that the leader is someone with inborn, self-propelling traits that will raise him to the top, come what may. He does not suddenly appear out of nowhere. He is produced out of social situations as an answer to social needs. He varies as the needs and situations vary.

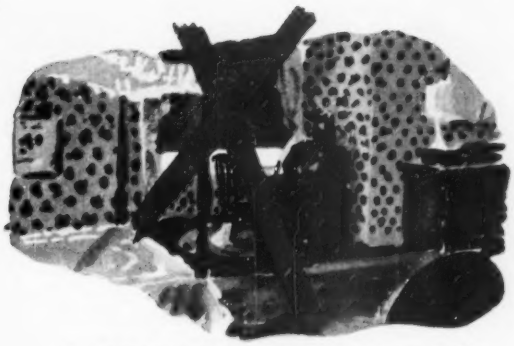
The typical leader is not elevated as if by supernatural powers, like Joan of Arc, nor because of the charms or tricks obtainable in 10 easy lessons. [*Turn to page 172*

A Better Homes & Gardens child care and training feature

"When we got rid of this

"DEAD SPOT"

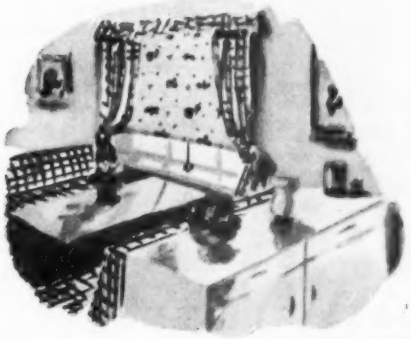
the whole room looked new!"



The dingy shade made a dull, dead spot. But now (look below) this bedroom gets new life with the delicate aqua Columbia shade. Made-to-measure, this best quality washable shade costs about $3.00. Other grades at lower prices.

"Actually, our new Columbia shades worked the magic! And we've learned something, too! People *automatically* look at your windows first, as the important source of light. Our faded old shades made the room look dull . . . now these smart new Columbias make everyone say, 'Your place looks lovely. What did you do?'" Columbia shades come in a delightful range of solid colors (from pastels to navy and emerald) and a gay assortment of florals, nursery motifs, plaids, and period prints. Key them to your walls, your fabrics; use them as conversation pieces. But don't wait! You've probably neglected your shades for years. Stop in today at your nearest Columbia Authorized Dealer, the leading department, furniture stores and shade shops in your town.

The Columbia Mills, Inc., 428 South Warren Street, Syracuse 2, New York



Dinette, above, charming Pastorale print shade adds color and interest to small space. Average size shade costs under $5.00.

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Mortise and tenon construction throughout, the Brandywine Manor Group reveals true craftsmanship in every detail, its antique appearance enhanced by well-worn edges and rounded corners. *And,* guarantee of lasting satisfaction is the famous Cushman high-lighted maple finish which defies heat, water, and alcohol. You can add pieces over the years, too, confident that each addition will match the original rich mellow tone.

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CITY.....*STATE*.....

If you really want them to be leaders

Begins on page 170

Usually, he climbs rung by rung. He works to become competent and to show others that he will use his ability for their benefit. He identifies himself with causes. He stands for something. He persuades others to stand with him and to regard him as guide. In other words, the leader is to be explained in terms of what he *does*.

All right. What does he do? The answer can be trimmed down to four essentials:

He joins.
He serves.
He persuades.
He stands firm.

These are things you can help your children to understand and do. Let's look at each point in turn.

The leader joins

You can encourage your Johnny and Jane to share in the life of their contemporaries—through the Scouts, the "Y," church societies, school clubs, teams, and so on. Show a sympathetic interest—never mockery or boredom—in their group enterprises and problems. Best of all, set them an example of participation in community memberships and activities.

And do what you can to make them into acceptable associates. The Allisons were right in bringing Junior and Mildred together with other children, in their efforts to make them into generally nice persons, in their sacrifices to encourage their accomplishments in music, sports, and dramatics.

The leader serves

To join with others is only the first step. A leader must not only belong; he must contribute.

Get this over to your children, into their heads, into their behavior, and you will have got their hands on the basic stuff of leadership. The key to the whole thing is the simple precept, "If you are not interested in the group, the group is not interested in you."

It is right here that most of us stumble. We adults shun or slight responsibility, and our impatient youngsters overlook it. We beg off on committee appointments, look the other way when the chairman calls for volunteers. The boy daydreams of becoming quarterback, pitcher, and captain of the team without the hard grind of training. The girl hopes to be elected on the basis of her hairdo and her figure. The truth is—that *the superior leader is the superior servant.*

He may not be the most likeable, most talented, or most intelligent. But he is a person of whom others say, "We can count on him."

This means that to be leaders Johnny and Jane do *more* than belong. They do their share and a big part of the other fellow's. They run the errands, hang the decorations, take the tickets. They welcome new members, befriend the neglected, steer the befuddled. They anticipate what needs doing and have it well started before others wake up. They go out to meet opposition on behalf of the group. They suggest. They volunteer. They accept assignments. They are accountable. They come through. They deliver the goods every time.

And where can they acquire this sort of responsibility? *At home—if* your home is one where responsibilities are not withheld, where hard tasks are assigned, and where fine results are expected. And if it has been impressed upon them, by word and example, "You are one of us in this family. We are in this thing together. We are one another's helpers and defenders."

If your boy or girl really at-

[*Turn to page 206*

Prices for Beautiblend Broadlooms start as low as $6.50 a square yard . . .

At Last!

BEAUTIBLEND BROADLOOMS

Color Blended for Smarter, Easier Room-Planning

Good News for You who want color-harmony in your home! Now, you can buy broadlooms color-*designed* to go with the colors you'll find in the most popular drapery and upholstery fabrics, wall paints and papers. For Masland Beautiblend Broadlooms are now *color-created* to go with the easiest colors to find when you shop . . . the colors you're likely to have in your home, today.

Still Better News... on every Beautiblend Broadloom there is a Beautiblend label giving you 5 different color schemes to go with that particular rug or carpet. Look for the Beautiblend label when you look for broadloom. It's your color-key . . . your color guide. For further color-help, write to Betty Carlisle, Masland's color consultant, C. H. Masland & Sons, Carlisle, Pa., Dept. BH-11.

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FOR SMALLER KITCHENS or smaller families, the portable Nesco 6-qt. Roaster (left) and 2½ qt. Casserole are ideal. Each has an automatic thermostat and removable cooking well. Versatile, low priced.
NESCO means finest in homemaking "helps"!
For top-of-stove cooking, nothing compares with Nesco Evenheat Stainless Steel Utensils!
Famous as "The cooking ware with the BUILT-IN heat distributor," Nesco Evenheat Utensils spread the heat evenly, avoid "spot scorching." A dream to clean, too! Sauce pots, sauce pans, double boilers, percolators, fry pans, mixing bowls. Get a complete set!
Complete your kitchen with colorful Nesco "Garden Girl" Kitchen Containers!
So beautiful — and so useful, too! Made in each of these three breath-taking color schemes. Built for years of service.
NATIONAL ENAMELING AND STAMPING COMPANY, DEPT. C-10, MILWAUKEE 1, WISCONSIN

Chocolate eclairs

Begins on page 86

1. Make cream-puff batter, page 86. Spread batter in a strip 1 inch wide, 4 inches long. Bake the same as cream puffs. Cool. Makes 14 eclairs

2. Spread tops of eclairs with chocolate frosting, recipe below. Just before serving, slice top, tip back lid, fill with ice cream or cream filling

Cream Filling for cream puffs and eclairs:

Mix 3 tablespoons cornstarch, ⅓ cup sugar, and ⅛ teaspoon salt; combine with ½ cup cold milk (save out 2 tablespoons of the milk and mix it with 2 egg yolks). Gradually add 1½ cups scalded milk. Cook in double boiler, stirring until thick. Cover. Cook 15 minutes. Add a small amount of the hot mixture to the egg yolks; add to remaining hot mixture. Cook 2 to 5 minutes, stirring constantly. Add 1 teaspoon vanilla. Fills 6 cream puffs or 10 eclairs.

Frosting for eclairs:

Melt 4 1-ounce squares unsweetened chocolate. Combine ¾ cup sugar and ⅓ cup water; heat to boiling. Add to chocolate, beating constantly. Frosts 10 eclairs.

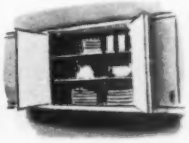
*How to give your kitchen that "New Look" for $1.95**

Freshen-up, brighten-up with Marvalon!

It's strong, it's tough, it's plastic! Marvalon outwears ordinary covering materials. It's heat-proof, stain-proof and entirely odor free. And now there are NEW patterns to turn your thoughts creative . . . striking floral prints in brilliant fade-proof colors. Try Marvalon! It's a thrifty beauty treatment for every room in the house!

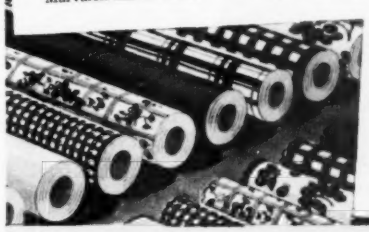
*Pattern featured is Dogwood . . . one of 3 new decorator designs. 4⅓ yards of the 46" width will make a table cover, window shade, 2 drawer linings, wall covering, and waste basket cover. The shelving shown is white Marvalon Shelving with scalloped edge.

1. WON'T STICK. Even when hot dishes are put directly on it, there's no harm done. Marvalon has no odor.



2. WON'T CRACK OR PEEL. The edges won't fray or ravel. Marvalon cuts and folds with ease.

3. WON'T STAIN. A damp cloth keeps Marvalon spotless! Even grease, alcohol, fruit juices wipe off easily.



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42" wide 39c yd
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12" wide 15c yd 10 yd roll $1.50
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Ask for long wearing Marvalon at your dept., variety, hardware, or 5c and 10c store.

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Only FLEXALUM spring-tempered slats are heat-treated so they'll keep their shape, won't sag... plastic finished to retain their gleaming beauty.

Only FLEXALUM'S satin-smooth surface virtually sheds dust, won't chip, crack or rust.

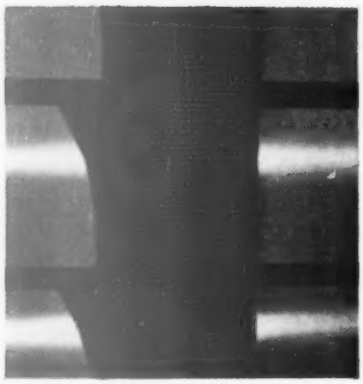
Only Beautiful New FLEXALUM vinyl plastic tape* gives you completely washable, longer lasting venetian blinds.

Only New FLEXALUM tape cannot fade or discolor... reinforced with Fortisan, it cannot stretch, shrink or fray. And only New FLEXALUM tape has ladders of vinyl-clad aluminum for extra strength.

Leading manufacturers and dealers everywhere feature venetian blinds custom-made of FLEXALUM spring-tempered slats and New FLEXALUM vinyl plastic tape. Ask to see them... or write for free sample of the new tape.

Guaranteed by Good Housekeeping

FLEXALUM's "Visible-Invisible" trademark on the slat is your assurance of quality.



Made for each other—sleek, handsome FLEXALUM slats look their best with beautiful New FLEXALUM vinyl plastic tape! A wide variety of decorator colors to choose from!

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Spring-Tempered Slats and Vinyl Plastic Tape

Stay Beautiful because they Stay Clean

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Hunter-Douglas Corporation • *Riverside, California* and *150 Broadway, New York 7, N. Y.*

Before you remodel

Find out what's under the surface

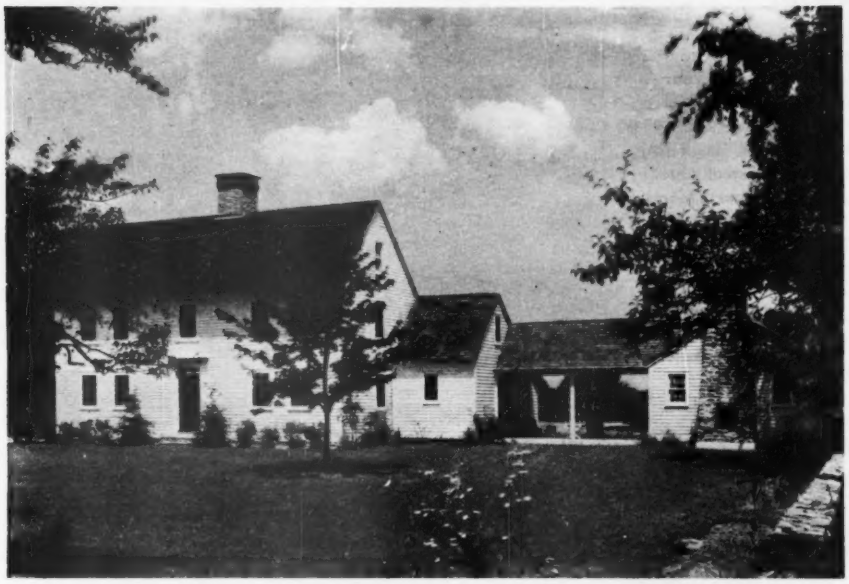
By Marion and Clayton Cousens

It may have been the name of the place: It certainly wasn't the looks of the house that sold us on Roast Meat Hill, Killingsworth, Connecticut.

When we first saw it, what is now our home was a severely plain two-story farmhouse. But the location fitted our desire for an out-of-the-city home where we could enjoy life while working, and later on, enjoy our retirement.

Before we bought the house, we took the precaution of looking under its surface— [*Turn to next page*

Under the surface of this old farmhouse . . .



. . . **we found timbers** in such good condition that structural changes were unnecessary in the original house. Eaves were trimmed, new windows were installed, the roof over the shed was raised to match the roof of the main house. The chimney was lowered one foot, and a new front door with glass above—more in keeping with the period of the original house—replaced the old farm-type side door

We found, also, that by giving it a roof with a pitch similar to that of the main house, we could build an attractive breezeway to join the guest house (off picture, left) to our home. Concrete floored, and 12x18 feet in size, the breezeway is cool from dawn to dusk. Moreover, the breeze keeps the insects away, even at night

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will add another beautiful, year-round, livable room to your home... at a surprisingly low cost!

For as little as ⅓ of today's building costs of adding a room to your house, a Rusco Porch Enclosure will convert your porch into a snug, weathertight sun parlor for fall and winter use . . . a breezy, screened-in room for summer use. » » A Rusco Porch Enclosure gives you screens, glass insulating panels, weather stripping and a sturdy, galvanized steel matching combination screen and storm door . . . all in one permanently installed unit. » » When it's warm—merely slide the Rusco Magic Storm Panel up for filtered-screen ventilation. » » When it's cold or raining, lower it for complete weather protection. » » Rusco Porch Enclosures offer a wide choice of interior finishes. Let the Rusco distributor near you show you how beautiful and livable your porch can become.

Some more of the many advantages of a Rusco Porch Enclosure - -

- An extra room that can be used as a living room, a guest room or a play room.
- Everything permanently installed.
- All windows and doors are constructed of finest quality galvanized steel—bonderized, zinc-chromated and finished with baked-on, outdoor aluminum enamel for triple-seal weather protection.
- Lumite plastic screen won't rot, rust, corrode or bulge . . . never needs painting.
- Simple window cleaning . . . inserts are easily removed from inside.

A RUSCO PORCH ENCLOSURE WILL ENHANCE THE APPEARANCE OF ANY HOME!

OTHER RUSCO PRODUCTS—RUSCO all metal, self-storing Combination Screen and Storm Sash . . . RUSCO sturdy, steel matching Combination Screen and Storm Door . . . RUSCO metal Venetian-type Awnings and Jalousies.

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I own my home ☐

I plan to build ☐

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City_____ Zone____ State_____

Find out what's under the surface

Begins on Preceding page

finding out from the framing its history and possibilities. Two things were revealed.

One was that a drawback of the location—lack of trees close to the house—had allowed the sun to keep the roof and the timbers in excellent condition.

Also, we discovered from the roof framing that the house had originally been an early-American salt-box type, remodeled into the two-story house we bought, and that its original lines could be restored economically.

To bring back the charm of the sloping rear roof, we had to cut three dormers, but we gained under-eaves storage space.

Another detail of the house's construction worked to our advantage: The walls were of plank, covered by the original plaster. Window casings projected into the rooms. When we put in new windows, we furred out the walls inside flush with the casings, and filled the furred space with insulating material.

It paid us well in comfort and attractiveness, we found, to look beneath the surface of our house before we remodeled: We put to good use what we found there.

UNDER THE ROOF on the north side of the old farmhouse were rafters indicating that the original house had been of the early-day salt-box type, later remodeled into a two-story

WE FOUND that by extending the north roof at a slightly gentler angle, and by cutting three dormers through the roof, we could convert the house back to its original salt-box design. We turned the old garage at right angles, and made it into a guest house. It is joined to the main house by a breezeway that gives us a place for meals out of doors

Now *a Sensational New Home Organ* by Wurlitzer

This is Wurlitzer's newest and latest—
an organ that invites you to sit down and have fun!

Rest your hands on the keyboard and, instantly, you sense a new power over music . . . a glorious new range of color and shading . . . new mastery of volume and tone.

It's almost like leading an orchestra! At a touch of your finger, you hear the piccolo, the clarinet, the fife . . . the other brilliant and beautiful orchestral voices that round out the majestic full organ ensemble of this remarkable new instrument.

Easy to play. **So nimble in action, so fast in response, and so convenient in arrangement that any piano player can play it. Easy to install, too. Takes up no more space than a small piano, plugs in like a radio.**

Features formerly found only in higher-priced organs

Two standard 61-note manuals, a 25-note pedal keyboard and an amazing new rocker-type stop tablet mechanism are just a few of the features that make this instrument so wonderful to hear and so exciting to play.

Want to carry volume from a whisper to full? Just touch the expression pedal. Want to go from popular to classical music? An adjustable three-speed tremulant gives you the just-right tremolo effect for music of every type.

And make a special note of this. Like all Wurlitzer Organs, this fine instrument is built to keep its perfect tuning indefinitely. Not appreciably affected even by sub-zero or excessively high temperatures. Stays in tune regardless of voltage or frequency changes. Wurlitzer, and only Wurlitzer, makes a complete line of electronic organs. And prices are as low as $1095* (model illustrated, $1895*).

Why do more people buy Wurlitzer Pianos than those of any other name? The reason is value. While the Wurlitzer Piano is famous for its fine construction, splendid tone and long life, you pay less for it than for many other well-known makes.

*These prices are F.O.B. North Tonawanda, New York. Prices in your vicinity may be slightly higher due to freight or delivery costs.

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Please send me complete information about Wurlitzer Organs and the address of the nearest dealer, with no obligation to me.

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Address_____

City_____ Zone____ State____

It's one of the world's most perilous jobs—*just being a housewife!* Each year home accidents disable 5,000,000 Americans, the lady of the house getting a big share of this grief. And the cost in medical and hospital expenses plays hob with many a family budget!

To meet this situation Hartford offers Accident Insurance tailor-made for housewives. Here are some of the policies you can select—*note their reasonable cost:*

	ANNUAL COST
Policy No. 1—Pays up to $500 hospital, nursing and medical expenses	$12.75
Policy No. 2—Pays up to $500 hospital, nursing and medical expenses; up to $5000* for accidental loss of limbs or sight; allowances for specified fractures, amputations and dislocations up to $162.50*	15.00
Policy No. 3—Pays same as No. 2 plus $1000* for accidental loss of life	16.00

*Double for special accidents

Make your selection from the combinations above. Your Hartford agent or insurance broker will be glad to help! In over 5000 communities you can find your Hartford agent quickly by calling Western Union by number, asking for "Operator 25." Or write to the Hartford Accident and Indemnity Company, Hartford 15, Connecticut, for a descriptive circular.

HARTFORD

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HARTFORD ACCIDENT AND INDEMNITY COMPANY
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Hartford 15, Connecticut

Year in and year out you'll do well with the Hartford

Your basement holds

In a small house, below-stairs areas can give you the extra living space you need

An unfinished basement is never a thing of beauty. But with a little effort you can transform even an old basement from a storage place for dirt and spider webs into a supplementary living room.

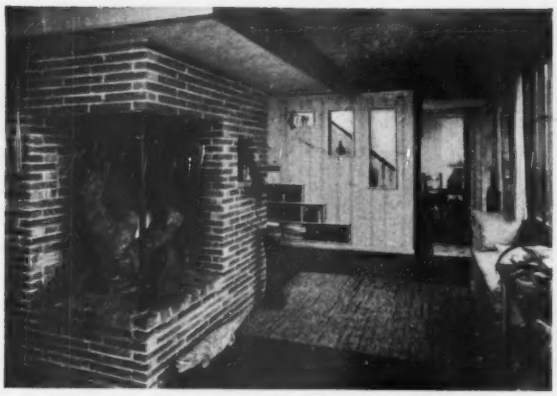
Here and on page 182 are two excellent examples of extra living space salvaged from downstairs areas. The problems were quite different. The J. W. Wilsons, whose home you see here, live on a slope in Seattle that gave them full-sized windows in one wall. They planned their basement around this feature—putting the workshop and laundry in the least desirable corners, and turning the well-lighted areas into a living area and a bedroom.

Interior corner of the L-shaped room has a bar which doubles as a serving counter for buffet suppers. Walls and built-ins are made of Port Orford cedar logs that the Wilsons sawed up. Dropped ceiling between bar alcove and main room hides heating ducts. Wilsons constructed much of their furniture

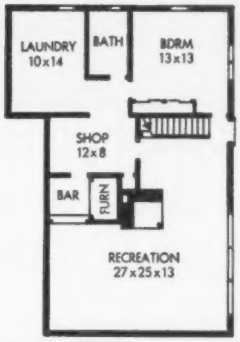
Since house is on a hill and window wells outside other walls weren't practical, all sunlight comes through this wall of windows. Casements swing 180 degrees on special hinges flush against the outside wall. Center window is fixed, has narrow glass shelves. There is storage space under window seats

More on page 182

more living room



This is half of the J. W. Wilsons' L-shaped basement living room, with the bedroom showing through the doorway beyond. The room turns around the corner fireplace, so a fire burning on the raised hearth is easily visible from nearly every angle. Floors are concrete painted dark



Plan shows how utilitarian rooms were placed along the windowless basement wall, leaving well-lighted and well-ventilated areas for living

Handmade cedar desk and bench fit between fireplace and door to workshop and laundry. Shelves and stairwell openings follow slope of steps

"He told me they had to be DUST-STOP* Filters"

Right now is the time to get rid of the dirty filters in your forced-air heating system. Left in, they waste fuel and retard air circulation. Get DUST-STOP, because DUST-STOP Filters, made of Fiberglas* fibers, coated with a special adhesive, retain their high efficiency longer, offer minimum resistance to the flow of heated air. Chances are that DUST-STOP Filters were original equipment on your heating system, since they have long been the choice of the better known warm-air furnace makers.

If your furnace is new this year, it almost surely is equipped with genuine DUST-STOP filters—you'll want to keep on using them. *And a special point for you, Lady: clean, new* DUST-STOP *Filters cost so little, keep airborne dirt from adding to housecleaning drudgery and to the cost of redecorating.*

Today, call your furnace dealer, hardware store, or chain store and get a new set of DUST-STOP Filters. Or look in the classified section of your telephone directory, under "Filters—Air." Owens-Corning Fiberglas Corporation, Toledo 1, Ohio.

LOOK FOR DUST-STOP ON THE LABEL

*DUST-STOP is the trade-mark of Owens-Corning Fiberglas Corporation for impingement-type air filters made of glass fibers. FIBERGLAS is the trade-mark (Reg. U. S. Pat. Off.) of Owens-Corning Fiberglas Corporation for a variety of products made of or with glass fibers.

...MAKERS OF DUST-STOP AIR FILTERS, STANDARD EQUIPMENT IN MOST FORCED-WARM-AIR FURNACES.

BE FAIR TO YOUR CANARY!

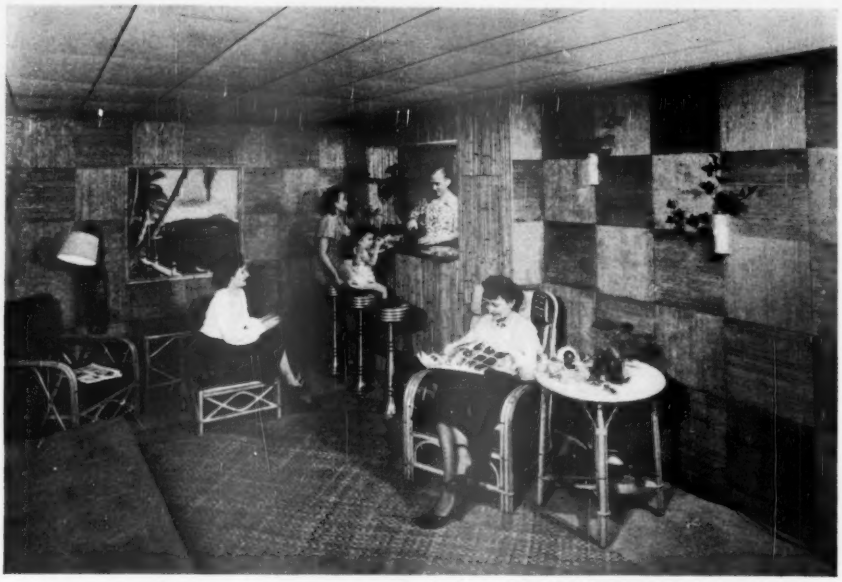
Gravel is as important to your canary as teeth are to you. He swallows his seed whole; the gravel grinds it in his gizzard. Without gravel, his digestion is poor, he doesn't get the complete benefits of his food—his health, happiness and song are impaired.

But beware of the *kind* of gravel you give him. Ordinary gravel may be soft, sandy—incapable of grinding his food to an easily digestible state. Or it may be unwashed—a source of harmful impurities.

Be safe! Give him French's Bird Gravel: pure, *sterilized* quartz—hard, sharp, *uniform* in size. Your pet deserves the benefits of this superior gravel.

Prepared by the makers of French's Bird Seed and Biscuit
America's largest-selling bird diet

This added space cost only $155



Sheets of combed plywood were cut into squares that give walls a checkerboard pattern. Lauhala mat on the floor, rattan paneling around bar, and a rattan-framed picture of Diamond Head recall the Wilsons' Hawaiian courtship

The Herbert Wilsons of Bay Village, Ohio, (no kin to the J. W. Wilsons, page 180) had a more common problem. Their house rests on a level lot, and all basement windows are high and small.

To avoid the cold appearance of concrete-block walls, the Wilsons covered them with plasterboard. For texture and warm color, they covered inside walls with plywood and rattan.

The Wilsons had met in Hawaii during the war, and decided to outfit their basement in Hawaiian garb reminiscent of their first meeting. They did all the work themselves, using three-months'-worth of evenings and weekends. Required waterproofing, studs for interior partitions, plywood for walls, plasterboard for ceilings, and wiring cost them only $155.

The extra room has been worth that much to the Wilsons already. It's warm in the winter, a cool refuge from summer heat, and no trouble at all to keep clean.

Before—A basement like this isn't expensive to fix up. Cover walls, hide floor joists, lay something on the concrete floor, and you can have a fine room. Make sure that your basement is dry and ventilated

After—The Ohio Wilsons waterproofed their concrete-block walls and used plasterboard as a finished surface. Ceiling is covered with acoustical wallboard. Rattan on the stair rail follows the Hawaiian motif they used throughout the room

WHITE SIDEWALL TIRES, CHROME WHEEL COVERS, REAR BUMPER GUARDS AND REAR FENDER SCUFF GUARDS OPTIONAL AT EXTRA COST.

The car that likes to be compared

NEW

PLYMOUTH

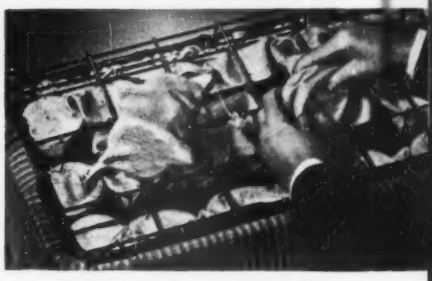
Yes, it likes to be compared for COMFORT, too!

Sit straight up—then compare! The new Plymouth gives you head and shoulder room **where you need it,** without crowding or leaning. Chair-height seats are wider, deeper from front to back.

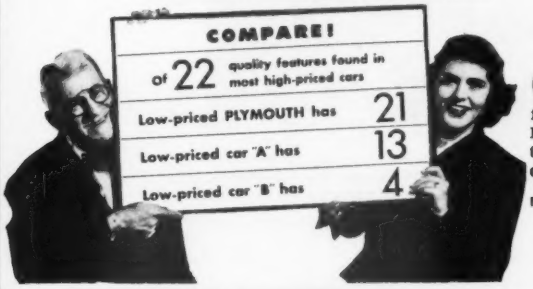
Breathe fresh air the year 'round. An optional under-the-hood system provides the comfort of ventilation in summer, heat and defrosting in winter.

Ride with a brand-new glide! The new Plymouth cradles all passengers between the wheels. It has airplane-type shock absorbers; a new, lower center of gravity; and a new diagonal mounting of rear shock absorbers that reduces sidesway, especially on turns.

Relax in the floating comfort of improved Air Pillow Ride, which includes Airfoam seat cushions (optional), big bump-smothering Super-Cushion Tires, rubber-padded suspension units, and soft rubber body mounts.



Bolster heavier-than-average people with individual cushioning! These extra seat springs front and back can be inserted to meet specific family requirements for cushion firmness.

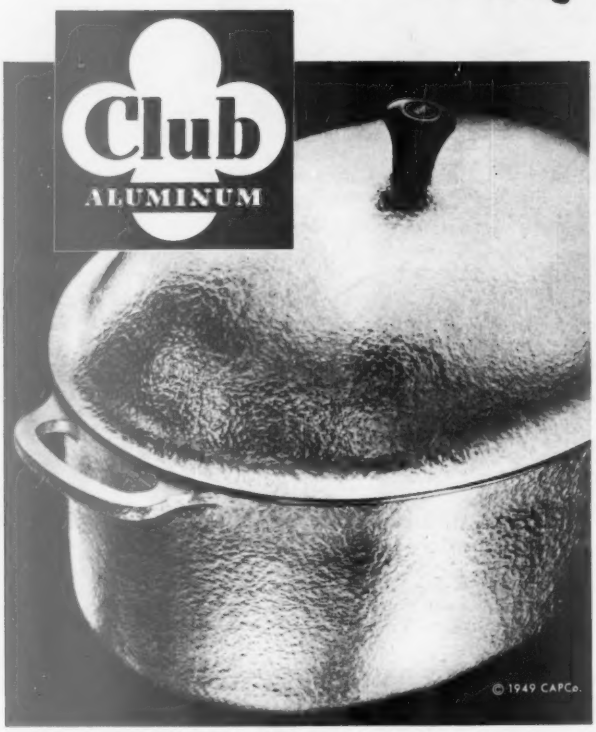


Check— Plymouth value against other cars. Not only for **comfort,** but for **performance,** for **safety,** for **all** features! Drive the great new Plymouth. Compare it on the road. And see the new Quality Chart at your dealer's; a condensed version appears at left.

PLYMOUTH Division of CHRYSLER CORPORATION, Detroit 31, Michigan

...looks like silver
...cooks like magic

...Lasts a lifetime!



20 Club utensils available, including various sized covered saucepans, open fry pans, chicken fryers, Dutch ovens, roasters.

Start your Set—

with this 15-in. Club Oval Roaster

$8.95

Young lady, start out cooking right. Start right out in Club Aluminum and you cook the easy, thrifty, Full-Flavor, top-of-stove way.

Club cooks *inexpensive* cuts of meat to savory, juicy perfection. There's less shrinkage, less loss of flavor and food value. Because Club cooks the "waterless" way on *low* heat you save vitamins, minerals, save fuel, have a cooler kitchen, too *The diagram tells the story*. It's Full-Flavor cooking!

Thick walls spread heat evenly. Moisture-seal cover bastes back food juices.

Outside hammered finish takes hard knocks.. resists scratches. Smooth, stain-resistant interior cleans up quick as a wink.

Millions of fine cooks use Club. Try it in your kitchen. Put it on your gift list. Sold at hardware, furniture, department stores and other dealers, at about half its original price. Club Aluminum Products Co., Chicago 14, Illinois.

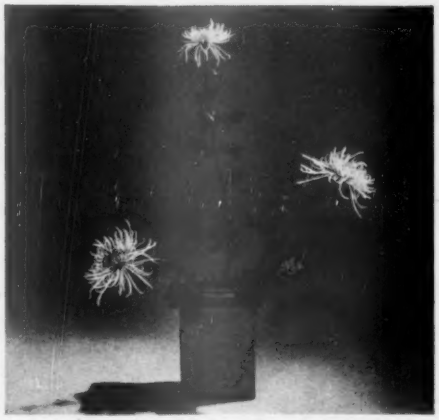
CLUB ALUMINUM HAMMERCRAFT WATERLESS COOKWARE

Also makers of Club Glass Coffee Makers and Club Coffee Dispensers

Tune in "Club Time," ABC network, Tuesday mornings, and hear favorite hymns of famous people

ABCs of flower arrangement

Begins on page 58



1. For nine-flower arrangement in tall vase, place three flowers on marked rectangular needlepoint holder to make a triangular outline. Tallest stem is three times the height of vase

2. Add three more chrysanthemums to arrangement, each near one of the first three blossoms forming the triangular outline. Keep each new flower shorter than the flower next to it

3. Complete nine-flower arrangement by adding three blossoms, one on each side of tallest flower and third in low center. Now find spot for flowers on mantel, bookcase, or at window

New Kind of Floor Covering Loveliness!

Sandran is new—and it's news! It was developed to bring new beauty to your floors . . . more beauty, and at a price you can afford. It's in a class by itself.

Just look at Sandran . . . at the clear design and clear colors. Look again at the rich, softly gleaming plastic surface. Imagine it in *your* home.

Sandran is such good news that you'll have to see it to believe it. And the price is best of all—only about $1.79 per sq. yd. (slightly higher in the West). Go see it soon at your favorite store, or write us for descriptive literature.

A Completely New Process Combined with Plastics Makes it Possible for You to Have a New Kind of Loveliness on Your Floor

NEW EASE OF CLEANING Surface is *pure* vinyl plastic. Requires no waxing. Gentle cleaning makes it bright as new without scrubbing.

NEW LONG WEAR Sandran has a rich, rubbery feel. Its tough vinyl is water and abrasion resistant. Grease, soaps, detergents—even lye won't hurt it.

NEW BEAUTY Many gorgeous decorator colors locked in clear gleaming plastic . . . "custom-built" beauty formerly available only at premium prices. It's quiet underfoot, warm to the touch.

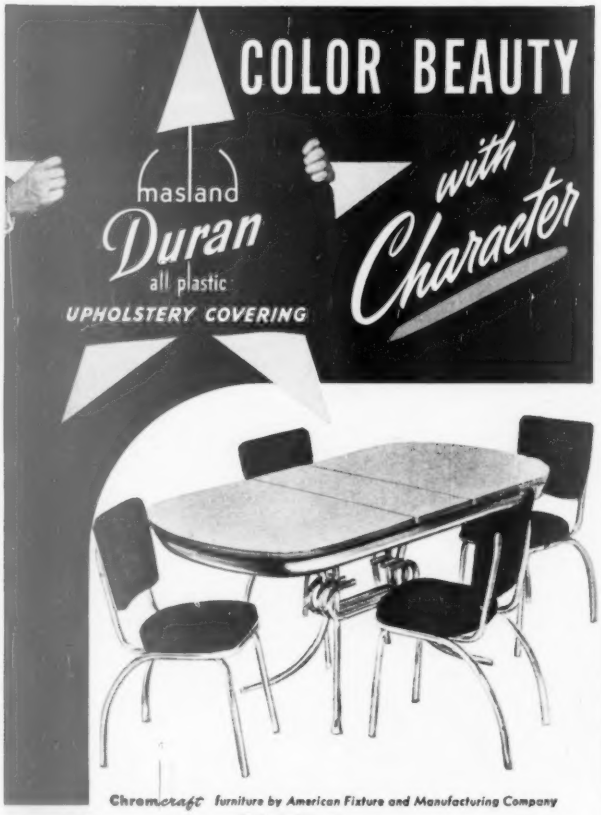
NEW EASE OF INSTALLATION Flexible, rubbery, easy to handle. Sandran lies flat without fastening, or can be cemented if you prefer. Comes in rolls 3, 6 and 9 feet wide.

At last, you can have an all plastic room—floor, walls, ceiling. Sandura-Wall, permanent plastic wall-covering, cleans in a flash with a damp cloth. In ten lovely pastel shades and tile designs. Economical—hang it yourself just like wallpaper. See it at department, paint, wallpaper stores. Write for free booklet.

Guaranteed by Good Housekeeping

SANDRAN

Sandura Company, Inc., Philadelphia 3, Pa. • For 26 Years Manufacturers of High Quality Floor Coverings



Chromcraft furniture by American Fixture and Manufacturing Company St. Louis, Missouri

See lustrous Duran . . . in colors that brighten the workaday kitchen . . . in rich tones that liven the living room . . . in luxurious shades that give new beauty to occasional pieces, boudoir chairs and furniture for every room.

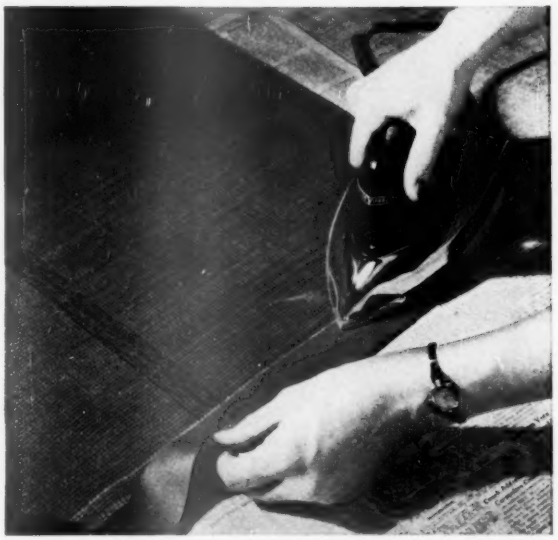
You'll find Duran wonderfully pliant, and satin-smooth. Practical, too—even the lightest pastel keeps clean with the whisk of a damp cloth. Insist on the Duran tag to be sure of getting the utmost in plastic upholstery beauty.

Only genuine Duran bears this tag.

THE MASLAND DURALEATHER CO., 3284-90 Amber St., Phila. 34, Pa.

Rescue worn rugs

Continued from page 146



Bind the back edge. Unroll the binding and cut off a piece long enough to bind one side of the rug. Fold this binding one-half inch from the edge and iron the rest of the strip to the back of the rug. Miter the binding at the corner. When binding a curved or oval rug, use carpet thread to gather the inside edge slightly and take up the slack in the binding.

Bind the top edge. After the under section of the binding has dried thoroughly, pull the rest of the binding up over the pile side of the rug. Miter the corners on square rugs, and gather the inside edge of the binding on curved rugs. Then iron the binding in place. After the binding has dried, steam gathers in curved rugs into place with a damp cloth.

LIZABETH SCOTT
a Hal Wallis Productions' Star, in
"TOO LATE FOR TEARS,"
released through United Artists.

"Imagine! a dinette designed for lasting beauty ...lasting wear"

made exclusively by

Chromcraft

REG. U. S. PAT. OFF.

America's First Name in Dinette and Kitchen Furniture

Table No. TB6. Modish oval table extends to 36" x 64"—5 gay fiesta colors—chairs to match.

Like glamorous Lizabeth Scott, you, too, will marvel at the smart loveliness of Chromcraft Dinette Sets now on display in leading furniture and department stores all over America. You'll marvel even more at the superb craftsmanship which designs and builds these remarkable sets to retain their original beauty and utility through year after year of the most exacting service.

Today's Best Buy

The exclusive *Chromcraft* features mentioned on the left are only a few among many which make *Chromcraft* truly today's best buy in dinette furniture. So, mail the coupon below for free booklet that shows you the wonderful *Chromcraft* line in glowing color.

There's a Chromcraft set for every budget—from $49.50 to $149.50.

Guaranteed by Good Housekeeping

See these features at your local department store or furniture dealer

Only Chromcraft gives you chairs that combine all these advantages: (1) Gay fiesta colored damage-defying DURAN upholstery—(2) The extra comfort of seats with Tuff-flex padding on both tops and edges—(3) The extra smartness and safety of Chromcraft's vanishing edge construction with all screws cleverly hidden.

Only Chromcraft has the sensational CONSOWELD 9-ply top that's glass-smooth and ripple-free—so amazingly easy to keep spic and span.

• • •

There are many more reasons why Chromcraft is so amazingly popular the nation over. Get all the facts. Mail coupon for FREE, full-color booklet.

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Please mail me—absolutely free—your full-color booklet of latest decorator ideas—"New Dining Glamor."

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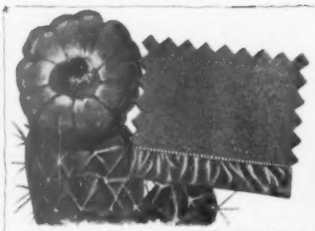
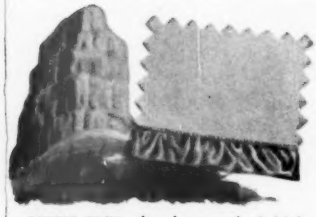


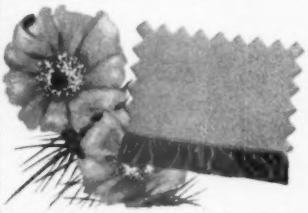
DESERT FLAME. . . . (*Claret Cup Hedgehog*) Soft brilliance to spark your bedroom color scheme. Only North Star has it!

DESERT WHITE. . . . . (*Saguaro Cactus*) The dazzling white of Arizona's state flower in a petal-smooth blanket.

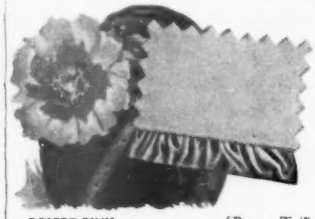


DESERT GREY—A quiet grey that's high-fashion this year. Blends happily with any bedroom color.

DESERT BLUE—The unforgettable blue of a cloudless desert sky translated into the softest of wools.



DESERT GREEN. . . . . (*Teddy Bear Cholla*) Borrowed from an exotic cactus blossom —a green to make any bedroom bloom.



DESERT PINK . . . . . (*Beaver Tail*) Never before a pink so fresh, so becoming. Flatters your room . . . flatters you.

Radiant new North Star blanket colors

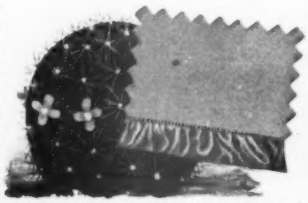
DESERT INSPIRED . . .
DECORATOR DESIGNED . . .
by the noted color stylist,
E. Helen Dunbar

Shades as rare and wonderful as the desert cactus blossoms from which they were taken.

Blankets as wonderful as North Stars *always* are—woven of soft, dreamy wools to last . . . and last . . . and last.

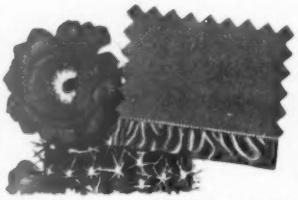
NORTH STAR WOOLEN MILL COMPANY, MINNEAPOLIS 1, MINNESOTA

DESERT YELLOW. . . . . (*Prickly Pear*) A gay, sunny color that adds a bright and appealing note wherever used.



DESERT ROSE. . . . . (*Mamillaria Mexican*) A warm, lovely shade . . . a warm, lovely blanket. Perfect combination!

DESERT CHARTREUSE . . (*Mexican Pencil Cactus*) A lively, daring tone that's a brand new favorite with leading decorators.



DESERT RED. . . . . (*Banker's Hedgehog*) Decidedly new shade to use as a smart accent in a blue, grey or green bedroom

DESERT SAND—Restful as sleep itself. Wonderful choice for those who prefer richness and serene dignity.

More house for less money

Research institutions and mass-builders are developing methods and materials to make your new home better to live in, but less costly to construct

By Herbert Yahraes

How can you get more house for less money?

That question, in one form or another, at this moment is on architects' drawing boards, engineers' slide rules, and businessmen's calculating machines.

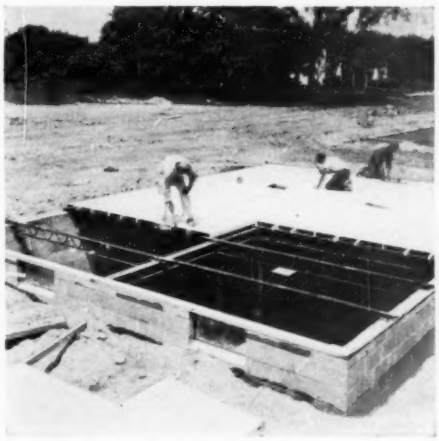
Thousands of answers have been proposed in the past few years—large businesses have been formed because the organizers thought they knew the solution, or at least enough of it to make their businesses pay. Some have had an answer; some have failed.

Throughout the United States, large-scale operators are demonstrating that new methods can be used to build sound houses. And in doing so, they're showing builders in your city how to cut waste of both materials and labor.

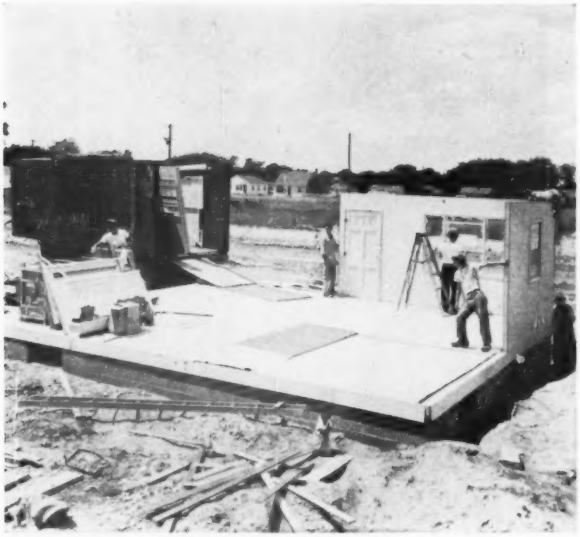
Individual research institutions, like the Small Homes Council at the University of Illinois, have come up with their own answers. Some of those, too, are filtering down to the contractors.

But so far, no one has shouted "this is it"—and stopped. Mass home-builders still are employing researchers; the Small Homes [*Turn to next page*

Workmen manhandle a plywood roof panel into place for a Lockweld Corporation house near Chicago. The panel demonstrates modular type of construction, in which parts are made in multiples of four feet for assembly. Lockweld homes use glue developed for PT boats and landing craft. Asphalt shingles will cover roof; walls may have facing of brick or wood



Steel floor framing for National Homes Corporation house consists of steel columns and girders, and open-web steel beams. Span for the wooden floor joists is reduced to 4 feet, permitting the use of 2x3-inch joists, compared with the 2x8-inch joists employed in usual construction. Subfloor is made of plywood, glued and nailed to the joists, and laid down in sections. Some National models are basementless



Over plywood subfloor of National house goes conventionally laid oak. That is covered by water-repellent blanket which stays in place until house is decorated. Room-sized wall panels are added next. Doors are hung with trim; windows are installed before panels go up

There's an extra measure of sleeping comfort beneath the shimmering satin of Burton Down Comforters. It's the exclusive IZOLIN processing of finest selected down that assures you complete purity, fluffy lightness and glorious full plume softness—a lifetime of cozy warmth. You can choose from an enchanting variety of pastel colors and fascinating designs. At better stores everywhere.

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BURTON-DIXIE CORP. Main Office: Chicago 8, Illinois
Also Makers of SLUMBERON Mattresses, Kat-N-Top Pillows, DeLuxe Bedsprings, Burtonlighters

More house for less money

Begins on page 189

Council and similar institutions still are experimenting with modular construction, heating systems, and new building methods. That's the encouraging note—that "low cost" is just as much a part of building specifications today as are details of cabinetwork and framing.

For centuries, houses have been built like ships—individually designed and constructed. And that type of construction takes money. In the pressure to house America's families following the war, big builders worked out hundreds of ways of cutting costs. Most of them relied on prefabrication—either of entire houses or parts of them—to reduce their building expenses.

But the big builders, and the independent researchers, didn't stop with prefabrication. The field of building materials has been examined carefully in the search for the easy-to-assemble, the economical. The house structure itself—even financing—has been analyzed in the search for economical methods.

The Small Homes Council, for instance, has worked on a roof-truss method of building. The Council erected the exterior walls of a house, swung up sections of truss, joined them, put up the ceiling, laid the subfloor and finished floor. Then they put up the interior partitions. At the cost of a little more material, they saved whole man-days of labor.

The Council also has found that by cutting every piece of lumber before assembly, idle man-hours can be cut a full third. Another 25 man-hours were saved by assembling wall sections and raising them in one piece.

Interior panels, of porcelain-enameled steel, conceal conduits and insulation of Lustron home. The panels are locked together with tongue-and-grooved flanged edges. Joints are sealed with a permanent synthetic gasket. The next panel will conceal screws used to attach this one

While the Council and other experimenters were making those tests, the big builders were proving—in dollars and cents—the value of standardized house parts, careful storage planning, reduction of work done outdoors in bad weather, and the proper scheduling of deliveries to eliminate delays.

They also learned the value of plumbing assemblies, movable jigs, glued wall assemblies, and the packaged mortgage, which includes necessities like kitchen appliances. And the houses they have built with those methods are sturdy and attractive.

On page 192 you'll find descriptions and pictures of houses produced of materials and techniques that were only designers' dim visions 10 years ago. They are typical of the work being done by mass-builders and prefabricators. Look them over, for large-scale builders constructed them in the way that your new home may—in part at least—be built.

Your new home will have to use some of the new materials and methods that went into the homes shown there, for they re part of the answer: These houses offer one way for you to get more home for less money. [*Turn to next page*

A ceiling panel goes up in a Lockweld Corporation home. Here, too, a new-type glue is used to attach the ceiling panel to the frame. Already using glue in plywood walls, the Corporation discovered that glue also could be used in attaching wallboard. Note the mahogany paneling

The flat bay window for the living room of a Lustron house is slid into place. Window unit is made of aluminum. It and concrete floor slab and asphalt tile are the only items used in the house not made of steel. Wall construction is an adaptation of a technique used in skyscrapers

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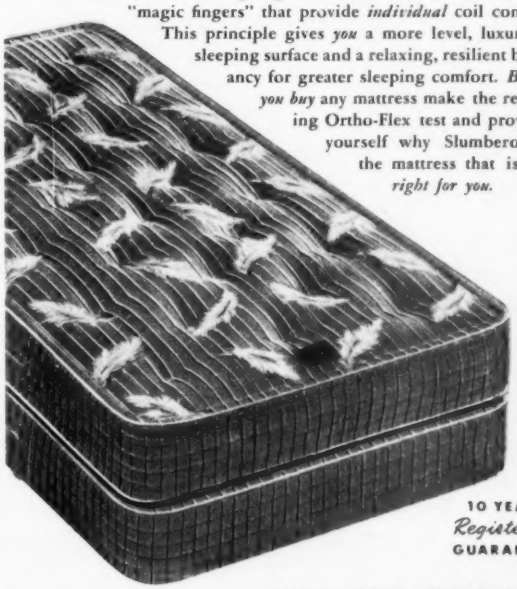
gives you greater *Sleeping Comfort!*

Now at your nearby bedding store—you can prove to yourself, *before you buy,* why the Slumberon Mattress by Burton is America's truly outstanding value. Slumberon's far greater comfort lies beneath its superb style, fine tailoring and quality materials. The *secret* is in the exclusive Ortho-Flex innerspring construction, with hundreds of "magic fingers" that provide *individual* coil control. This principle gives *you* a more level, luxurious sleeping surface and a relaxing, resilient buoyancy for greater sleeping comfort. *Before you buy* any mattress make the revealing Ortho-Flex test and prove to yourself why Slumberon is the mattress that is *just right for you.*



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Another Fine Bedding Product by **Burton**

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ALSO MAKERS OF IZOLIN-DOWN COMFORTERS, KOT-N-TOP PILLOWS, DELUXE BEDSPRINGS, BURTONIGHTERS

We found the Easy Way to

SO WE PICKED A WATER HEATER THAT HAS AN ALCOA MAGNESIUM ANODE

Homeowners all over the country are discovering how simple it is to get rid of hot water tank rust. No need to buy a costly "special" tank! Just be sure, before you make a deal, that your new water heater is equipped with ALCOA Tank Protection. This inexpensive magnesium rod sacrifices itself, keeps the tank like new inside, makes it last years longer.

Many famous-make water heaters now have the best in tank protection—ALCOA, first in light metals for over 60 years. Ask your plumbing dealer about the advantages of ALCOA Magnesium Anodes in your locality.

FREE FOLDER! Get the interesting facts on Alcoa Tank Protection. Write for the folder, "Tank Protection", and state whether you want protection for your present heater or for a new one. ALUMINUM COMPANY OF AMERICA, 636K Gulf Bldg., Pittsburgh 19, Pennsylvania.

ALCOA

ALCOA *Tank Protection*
FOR WATER HEATERS

SOLID CAST ANODES FOR NEW TANKS | NOTCHED ANODES FOR REPLACEMENT

Continued from preceding page

National homes

One of the top producers in the prefabricating field is National Homes Corporation, Lafayette, Indiana, which currently manufactures and delivers 126 houses a week. Established in 1940, the company has produced more than 15,675 houses to date.

National's biggest seller is its "Thrift Home," introduced last year. It sells for approximately $6,000, including the cost of the lot, graded and seeded.

That low cost has been achieved by using streamlined production methods and eliminating many nonessentials. The "Thrift Home" is basementless, and comes in two- and three-bedroom sizes, with a 12x16-foot living room, bath, kitchen with wall cabinets and base cabinets for sink and laundry tray, forced-air wall furnace, utility room with automatic water heater, and large closet and storage space.

The house is erected on an insulated and vapor-sealed concrete slab, which may be covered with asphalt tile or painted, or on a conventionally constructed wood floor.

Exterior is of long-lasting waterproof plastic plywood, with weatherboarding or shingles available. Interior walls are room-sized panels of crack- and waterproof material without joints: they may be painted or papered. Walls and ceilings are insulated; doors and windows are weatherstripped.

National recently announced its 1950 models, with a choice of eight different front elevations for the two-bedroom size and eight others for the three-bedroom.

Lustron homes

Finished outside and in like a modern range or washing machine, the Lustron home is probably the most revolutionary—in its use of materials—of all new residences. Its walls and roof are porcelain-enameled steel panels which provide durable, fireproof surfaces that need only an occasional washing.

No matter what materials you may use in your new home, you can find sound ideas in this one. For instance, there's the ingenious use of utility partitions. In one of the bedrooms, these provide not only three closets but also a full-size dresser cabinet, with drawers underneath, cupboards overhead, and a large mirror between. The other side of this wall becomes a built-in bookcase for the living room. Similarly, the wall between the kitchen and the dining room provides a working surface and cabinets on the kitchen side and a built-in china cupboard on the other, with a pass-through between.

Radiant heat is supplied by an automatic system that forces hot air through a chamber between ceiling and roof.

Built on steel frames, Lustron homes are manufactured by the Lustron Corporation, Columbus, Ohio, which expects to deliver thousands of them during 1949. The price of the five-room house is set by each local dealer, as varying wage and transportation costs make it impossible to set a national price. Lustron wants to introduce a new model annually.

Lovely transformation,
whether seen from indoors or out
...your windows dressed
for fall in curtains
of Hathaway Dots*
...so crisp and fluffy!
They wear beautifully,
cost surprisingly little. Available
in many styles and sizes. Look for the
Hathaway label. Write today for our useful booklet,
"How To Buy Curtains." Address: Dept. B10,
Hathaway Manufacturing Company, New Bedford, Mass.

HATHAWAY DOTS ®

Negligee by Odette Barsa

*Woven by the makers of Hathaway Nylon Marquisette

A new look for your home ...inexpensively!

SEARCHING for an inexpensive way to redecorate?

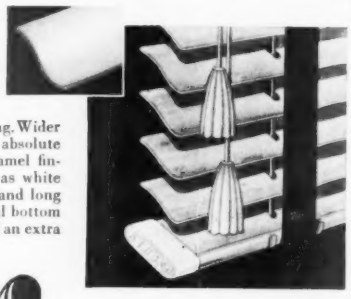
By far the least costly way to give a room a new exciting look is to install Kirsch *Sunaire* Venetian blinds! Just look!

In the room shown, *Sunaire* Venetian blinds, plus attractive side draperies hung on Kirsch Drapery Extender Rods, have added a touch of luxury that enhances this decorative scheme.

Kirsch S-shaped metal slats are featured in *Sunaire* Venetian blinds. This design brings added strength, makes possible soft, *double-diffused* daylight with privacy. All working parts are concealed in a trim head-member for cleanliness and trouble-free operation. No special cornice board is necessary.

Room-flattering lighting

Distinctive, scientifically designed, double-curve, S-shaped slats double-diffuse daylight for soft, room-flattering interior lighting. Wider (full $2\frac{5}{32}$") for better closure and absolute privacy. Baked-on, bone-hard enamel finishes in stunning pastels as well as white and ivory give matchless beauty and long life. Completely enclosed, all-metal bottom rail, with rubber-like end caps and an extra slat, provides better closure.



Kirsch

VENETIAN BLINDS AND DRAPERY HARDWARE

Beauty in the Room Begins at the Windows
Start right with Kirsch Equipment

Send for booklet, *Smart Window Styling*, with 85 window ideas. Enclose 25c, coin or stamps. Kirsch Co., 285 Prospect St., Sturgis, Mich.

Don't kill your youngster's curiosity

Begins on page 155

Be a fact-finder!

Between his fourth and seventh years, your boy's or girl's interest in his new world stops jumping lightly from one surface to another. At 4, he begins to poke with intense curiosity into what interests him. Now he wants to know what makes the bus run. He likes animals, fish, he wants a plant, or a duck, or a kitten. Why? why? why? he wants to know about everything, and any parent's patience gives out.

But you *can* make this a great growing period, with the help of his senses. Track down one of those "whys" with facts.

"What have you got in that pocket?" you say crossly to 5-year-old Peter. He is just beginning to collect things. Last week a pocketful of worms went through the washing machine.

"Rocks." He pulls out a few.

Now's your chance! Sit down on the floor with him and say, "Let me see!" as though he's just discovered a most wonderful thing.

Pick up one. Say, "Where did you find this one? *Feel* how smooth it is! The ocean must have polished it for a thousand years!"

Peter's finger slides over the rock. "Is that what makes it smooth?"

Then you say, "I think so—but let's find out!"

If you have a child's encyclopedia of nature, or a book on rocks, read a paragraph or two and close the book. Teach him now—this early—to get his facts first-hand. If you live near the ocean, walk with him along the shore and discover more smooth rocks. Take Peter to the Museum of Natural History, if you live in the city. The point is, do something at once to clinch Peter's interest and curiosity about rocks.

Finally, at 7—an important maturing point—your youngster has reached the age of reason. He begins to see that from a certain cause there is produced a definite result. Rain on snow makes slush.

It's vital that at 7 he be taught cause and effect. Unless he understands that there is a reason, a law, behind what happens, he grows up thinking that the world is based on superstition or luck. And he becomes the wailer who cries out, "Why did this happen to *me*?"

How to teach cause and effect through observation? Here's how:

Be graphic! Say, "Show me on paper!"

When your 2-year-old comes home from the bus ride babbling about what she did, put a crayon in her hand, give her a piece of paper and say, "Tell me about it!" She'll scratch out a picture . . . to her very plainly the big green bus, the driver, the mama, and the little girl on the front seat.

When Peter sees what the ocean has done to his rock, or how granite is dug from the quarry, or how a crinkled piece of coral is

Here's a lass who hopes her friends will respect her liking for cleanliness as she does theirs. Uses Sani-Flush, of course, to clean her toilet bowls. Does away with stains and invisible—but germy—film, too . . . leaves sparkling brightness. No scrubbing. No work. Disinfects. Just sprinkle it.

Safe in *all* toilet systems—works in hard or soft water. Sold everywhere—two sizes. The Hygienic Products Co., Canton 2, Ohio.

Sani-Flush

QUICK
EASY
SANITARY

Guaranteed by Good Housekeeping

Keep Brushes like New

At Paint, Hardware, Dept., and 5 & 10c Stores
Patent Cereals Co. Geneva, N. Y.

REPLACE Your Unsightly, Unsanitary Garbage Can

Outlasts ordinary can 5 times. Proved in 35 years of use. Write

Majestic
UNDERGROUND GARBAGE RECEIVER
The Majestic Co., 132 Erie St., Huntington, Ind.

INNER-SEAL
WEATHER-STRIPPING
Live Rubber

KEEPS HEAT OR COLD IN OR OUT

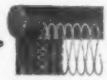
...better!

Every home, old and new, needs the savings and protection provided by INNER-SEAL, the weatherstripping with the exclusive spring wire and rubber construction that *lasts* and *lasts* and *lasts* —no matter how gruelling the wear! What's more, INNER-SEAL is waterproof, won't stain sills or side walls and anyone can install it!

So check your house from cellar to attic right now! Then assure yourself of the added comfort, the savings on fuel bills, the longer lasting protection of INNER-SEAL, the Live Rubber weatherstripping that does the job *better* in homes, on the farm, in industry.

INNER-SEAL Live Rubber
WEATHERSTRIPPING

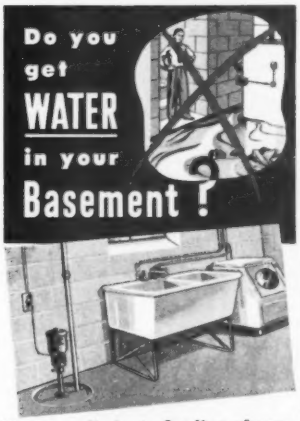
★ Resilient ★ Takes punishment
★ Waterproof ★ Lasts Longer
★ Low in cost
★ Easy to install



See your hardware dealer, or write—

Bridgeport Fabrics, Inc., Bridgeport 1, Conn.

Do you get WATER in your Basement!



You can eliminate flooding of your basement by installing a Penberthy Automatic Electric Sump Pump. This will keep your basement free from water at all times without any attention from you. Penberthy Pumps are immune to corrosion and have many other features that add up to their exceptional dependability. Call or visit your master plumber for complete information.

MADE OF COPPER AND BRONZE THROUGHOUT

PENBERTHY INJECTOR CO.
Detroit 2, Mich.
Established 1886
Canadian Plant: Windsor, Ont.

install a
PENBERTHY
Automatic
ELECTRIC SUMP PUMP

built up inch by inch . . . keep saying, "Show me on paper!" Not to make an artist of him . . . but to make an observer.

A horse plods down the street. Your 7-year-old Judy rushes to the window at the sound of that tired, slow clop-clop to see the drooping head, the mane unevenly cropped and sagging as the head sways.

Say, "Show me on paper!" You may not get a perfect reproduction of a horse, but you'll get Judy's idea of old, tired, dejected . . . *because you have taught her to see details!*

As your youngster grows into the 8- to 12-year-old group, he seems suddenly to be a finished product, no longer imitating adults, but an adult on his own.

Your Judy, at this age, has a secret diary which she keeps under lock and key. But, if you have taught her to observe with all five senses, she'll make this not a diary but a journal. Not "Saw Bunny Simms today. . . . Wrote a note to Essie. . . ."

Instead, all you have taught her will come to life. She won't remember the petty things that someone did to her or how she got her feelings hurt. Her mind will be too full of the things she saw with all five senses: the color of her teacher's blouse . . . the smell of apples in a grocer's fruit stall . . . the look on Essie Murphy's face when her little brother got knocked down. This is the *real* thing. This is what she will remember now because you have taught her *how to see with her mind.* The result is an articulate person, an exact one, a joyous one who lives creatively with zest, imagination, curiosity, and who is able to see in a balanced way that life grows from cause to effect.

Are you style-wise?

Q. What Eighteenth Century designer is famed for his lyre-back chair?

A. The lyre-back chair is a Duncan Phyfe trademark. Duncan Phyfe, incidentally, is the first name furniture designer that America can claim as her own. He worked in New York City after the Revolution. Duncan Phyfe used basically simple lines, but he decorated his furniture with a wealth of carving. Look for the lyre used as a table support or sofa arm, too.

why be a slave

TO AN OLD FASHIONED KITCHEN?

KUSTOMIZED
Kitchen-Kraft
STEEL KITCHENS

***ABOVE:** This kitchen, in the home of Dr. and Mrs. Earl Pound of Los Angeles, outlived its usefulness.*
***BELOW:** Today, this beautiful Kitchen-Kraft steel kitchen replaces the old one, and with it has come 20 years of kitchen improvements.*

An outmoded kitchen condemns you to hundreds of extra steps, extra work and loss of valuable time, *every day of your life!* With a Kitchen-Kraft steel kitchen you get increased storage capacity, durability, and step-saving efficiency that turns a "workroom" into a "recreation room."

Kitchen-Kraft sink, floor, and wall cabinets will completely equip any kitchen, large or small, old or new. You'll want fingertip-control roller drawers, adjustable shelves, chrome hinges and hardware, Dupont Dulux refrigerator finish, sound-deadened doors and drawers, Kustomized unbroken counter tops in gray or black, and the Good Housekeeping Seal of Approval. Only Kitchen-Kraft gives you *all of these important features.*

Your Kitchen-Kraft dealer will help you plan your new kitchen and supervise all installation details. You may have three years to pay for it on easy monthly terms. Or, if you like, you may buy a unit at a time.

Guaranteed by Good Housekeeping

Send for this Kitchen Planning Book

Before you buy, build or remodel, you should have a copy of this illustrated kitchen book. It's fact-packed full of practical ideas for modernizing your kitchen, for increasing its efficiency and improving its charm. Mail the coupon today for your copy.

MIDWEST MFG. COMPANY, Dept. B5-9, Galesburg, Ill.

Gentlemen: Please mail me my copy of "LOOK WHAT'S COOKING IN KITCHENS." Enclosed is 25c to cover handling costs.

NAME_____
ADDRESS_____
CITY_____
ZONE____ STATE_____

Have a year-round pleasing entrance to your home. Here Pfitzer juniper, a good foundation plant, achieves the purpose

Plant evergreens now

to dress up your home this winter

By Ronald Feroe

Evergreens planted now can brighten your home for many years to come; they prevent that winter drab look. A home needs some green around it for a lift in winter when most trees and shrubs lose their leaves.

Use low-growing forms of evergreens for foundation planting, since tree forms outgrow and overpower the home. Trees can get by used at corners of two-story homes. They're fine used as accent and specimen plants.

Use the table on page 198 as a guide in selecting evergreens. However, inquire locally, because growing conditions vary widely.

Fall planting is not advisable in dry areas like some parts of the Western Great Plains.

Follow the steps below for success.

1. Minimum planting distance from foundation is 30 inches; 42 inches or more is better. Space 48 inches or more between plants. Remember air circulation, root space, and space for house painting are needed

2. Use spade handle to measure evergreen ball. This will help you in digging the right size hole. Depth of hole should be about the same as depth of the ball. Diameter of hole should be 12 inches larger

3. How you lower the evergreen into the hole can mean success or failure. The trick is to ease the plant down so gently (above) an egg wouldn't crack. Evergreens dropped into holes often do not recover

More on page 198

Warmth

straight from the heart of the Dearborn

You'll glow with warmth and glow with pride when you own a Dearborn. More than you expect, it gives you...

Abundant Warmth — healthful warmth that only clean gas heat can bring you. With its superb vented design and sealed dual heat exchangers, the Dearborn circulates quantities of fresh, moisture-free heat to every corner of the room — gives you all-over comfort. And, it gives you the advantages of completely automatic gas heat that not only is cleaner and more economical, but eliminates bothersome fuel ordering and storage.

Gleaming Beauty — smooth as satin, the Dearborn gleams in beautiful hammered browntone finish. You'll be proud to put this handsome, smartly styled heater in your home — it will harmonize with any room.

Complete Safety — 100% Safety Pilot shuts off gas, should flame be extinguished. Provides convenient, automatic lighting — needs just one match a season.

Fully Automatic — Unitrol*, the famous combination safety pilot-thermostat, provides completely automatic lighting and temperature control. Requires no electrical connections, wiring, or wall-marring installation. Keeps your room snug and warm!

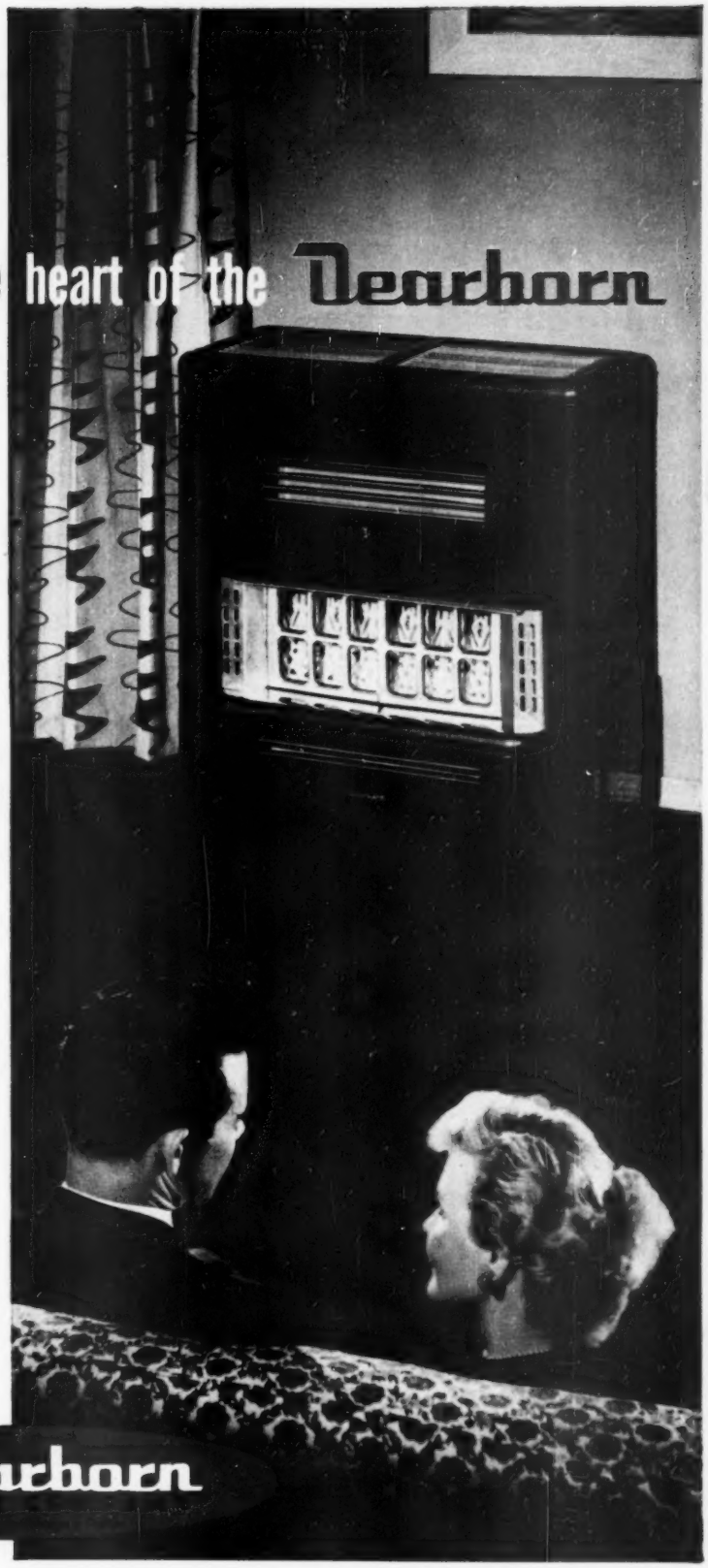
Famous High-Crown Burner — Finest, most economical burner ever designed for gas space heaters. Precision made for any type gas, natural, mixed, manufactured or L-P. Gives more complete combustion, more heat on less fuel.

Wall-to-Wall Warmth—Dearborn's twin wheel blower* speeds up circulation by forcing a constant stream of warm air out the top and front of heater for even, wall-to-wall warmth. Quiet and efficient, blower does double duty by providing an effective fan in summer.

**Optional Equipment.*

Dearborn manufactures a complete line of vented, unvented and fireplace gas heaters and evaporative coolers. See your Dearborn dealer or write for illustrated information.

General Offices: 1700 West Commerce St., Dallas, Texas • Warehouse-offices in Los Angeles, San Francisco, Denver, Kansas City, Omaha, Oklahoma City, New Orleans, Houston, Memphis, Tampa, Columbus, Ohio; Chicago, Lubbock, Texas; Newark.



Dearborn

—weatherproof
—crackproof

These Big Sheets of Homasote—up to 8 feet by 14 feet in size—cover the average wall in one piece. If a wall is longer than 14 feet, the joint is made at a door or a window and covered with an architectural panel.

No batten strips—no unsightly wall joints—no cracked or falling plaster—ever! Instead . . . a smooth, clean surface—a perfect base for paint or wallpaper.

Homasote gives you great structural strength and high insulating value. *Permanently weatherproof*, its use insures a dry house—no musty closets or mildewed walls. And its sound-deadening qualities are instantly sensed; street noises and indoor noises are minimized.

Mail the coupon today for illustrated folder suggesting many practical, money-saving and attractive uses for Homasote Big Sheets.

Weatherproof
HOMASOTE
INSULATING and BUILDING BOARD

HOMASOTE COMPANY
Dept. 21, Trenton 3, N. J.

Send me free folder on Homasote and its uses

NAME (PLEASE PRINT IN PENCIL)

ADDRESS

CITY & ZONE STATE

Plant evergreens now

Begins on page 196

4

Fill in around the soil ball with loose soil after you have the plant centered in the hole. You can loosen the top of the burlap and peel back if you like. This is an old custom but it's not necessary because the burlap will soon rot away. You needn't remove nails

5

Thrust the end of the hose into the loose soil and let the water run to settle the soil close around the ball. Repeat every foot or so around the plant. Later give a cupful of complete plant food and another heavy watering just before ground freezes. Use a burlap screen as protection from winter sun and winds

A list of some dependable evergreens

Kind	Ultimate size in feet Height	Spread	Form	Rate of Growth	Where Adapted	Suggested Home Use
Pfitzer Juniper	4–5	8–12	Horizontal	Quick	General	Foundation planting, corners of spacious lawns
Savin Juniper	4	4	Spreading	Medium	Dry	Same as Pfitzer
Upright Juniper	30	8–10	Pyramidal	Medium	Dry, sun	Corners of two-story home, accent trees at garden entrances
Chinese Juniper	20	4–6	Columnar	Medium	Dry	Corners of two-story homes, accent trees at side of garden seat
Andorra Juniper	1–2	4–5	Horizontal	Quick	Sun or partial shade	Below picture windows, ground-covers for banks, by walls and walks
Colorado Blue Spruce	40	20–25	Conical	Slow	Moist, airy	Specimen tree at side or rear of two-story home
Mugho Pine	8–15	8–10	Round	Slow	General	Accent plants for entrance to garden, planting at corners of small homes
White Fir	40–60	20–25	Conical	Quick	General	Specimen tree in large lawns
Yews	4–5	4–5	Round	Slow	Shade or sun, and moist	Outstanding for foundations. In Midwest does best in shade
	6–8	2–3	Columnar	Medium		
Globe Arborvitae	5–6	5–6	Round	Slow	Moist	Accent in foundation planting, on each side of entrance, etc

HEADACHE NEURALGIA NEURITIS Pain

RELIEVED
incredibly fast
the way thousands of physicians and dentists recommend—

ANACIN

Here's why
Anacin is like a doctor's prescription. That is, it contains not one but a combination of medically proved ingredients. Get Anacin Tablets today.

FAST RELIEF
from
BACKACHE SORE MUSCLES

When muscles are stiff and sore from unusual exercise or strain, use HEET®, the liniment that's *strong* yet does not burn the skin. Wonderful relief from muscular soreness comes as comforting HEET quickly starts to *penetrate*. Just brush it on with the applicator. HEET starts at once to ease muscular pain and *keeps on* working for hours, warms and soothes the painful area.

LOOK FOR THE
PERM·A·LATOR*
PADDING SUPPORT Tag

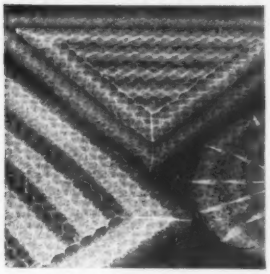
PERM-A-LATORS
Separate Padding From Springs
★ Prevent "Coil Feel"
★ Keep Padding from lumping or sagging
★ Add More comfort... longer life

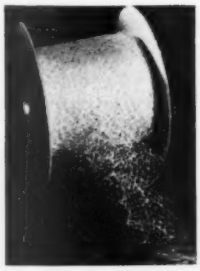
Guaranteed by Good Housekeeping

PERM·A·LATOR
PADDING SUPPORTS
"Never Let You Down"
*Trade Mark

Send for FREE Booklet
FLEX-O-LATORS, Inc.
NEW CASTLE, PA. CARTHAGE, MO.

Smart place mats *Continued from page 135*





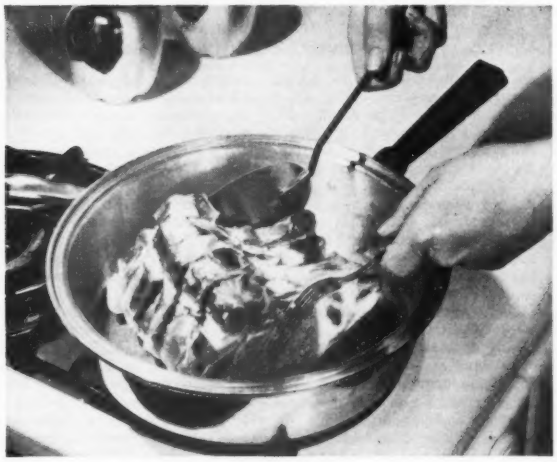
Filmy place mats are made from the new, inexpensive nylon lace. The lace is available in 3- and 5-inch widths and in eight different colors

Oblong lace place mat. Mat measures 29x17 inches, uses 3⅔ yards of 4-inch nylon lace. Cut two strips 20 inches long for center of mat; join by overcasting lengthwise. For outer edges of mat, cut two strips 29 inches long. Overcast onto center block. Cut two 17-inch strips for ends of mat; overcast to place mat. Miter corners with overcast stitch.

Triangular lace place mat. Mat is 39 inches at bottom and 31 inches on sides, uses 6 yards of 2-inch nylon lace. For center of triangle, cut four strips of lace as follows: first strip 18 inches, second 13 inches, third 8 inches, fourth 4 inches. Overcast together in triangular form. (See picture above.) Trim sides to form triangle 18 inches on bottom and 13 inches on sides. Enclose center triangle by overcasting a 28-inch strip of lace at bottom and 22-inch strips on the sides. Miter corners. Overcast three more strips on triangle, the bottom 39 inches and sides 31 inches. You can combine two colors in place mat, using one color for inner triangle and a harmonizing color outside.

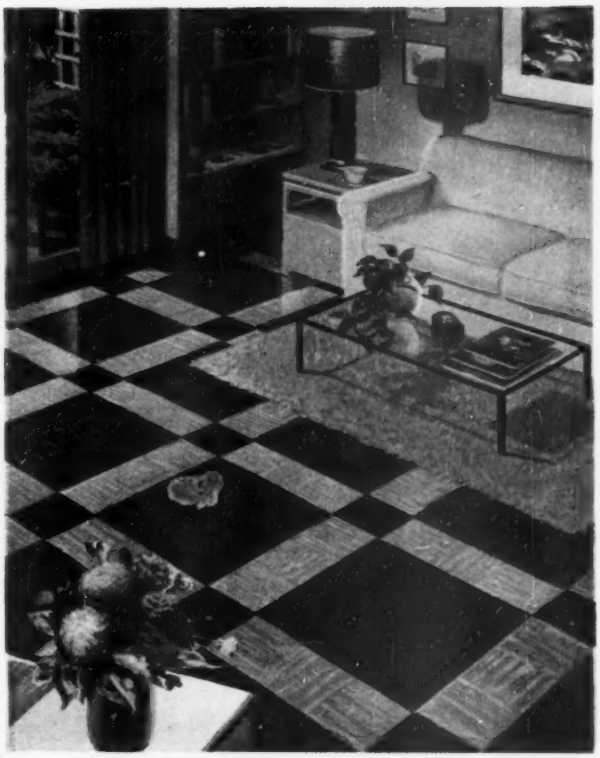
Round lace place mat. Mat uses 5 yards of 2-inch lace in four concentric circles. For inner circle, dart an 18-inch strip evenly; fasten center firmly. Dart and overcast a 36-inch strip to inner circle. For third circle, dart a 54-inch strip same as second and overcast to mat. Finish by darting and overcasting a 2-yard strip of lace to mat.

Smart cook!



To brown the edges on pork chops

Place the pork chops side by side, bone edge up, in a small amount of hot fat. Hold with wide spatula and fork, as shown in picture. Rock chops back and forth to brown edges evenly. Then spread them out in skillet and cook as usual.



LIVABLE is the word for a home with floors of WRIGHT RUBBER TILE

. . . because it is beautiful! There is no floor covering in the world that will compare with the matchless beauty of WRIGHTEX RUBBER TILE.

It is quiet and comfortable! Walking on WRIGHT RUBBER TILE is like walking on permanent rubber soles. It absorbs the shock of every single footstep. There is no end-of-the-day fatigue.

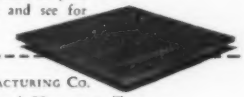
It is durable! WRIGHTEX RUBBER TILE will not wear out in your lifetime. Spilled drinks, ink, and burning cigarettes which ruin most floors, leave WRIGHTEX undamaged.

It is easy to clean! There is no down-on-the-knee drudgery necessary. WRIGHT RUBBER TILE is the easiest of all floor coverings to keep glistening clean and new-looking.

And it is economical! WRIGHT RUBBER TILE is the most economical floor covering you can buy! It will last all the years of your life. After other types of floor coverings have been replaced as many as five times, WRIGHT RUBBER TILE will still have its original beauty—unimpaired. Use WRIGHT RUBBER TILE in every room of your home. Then your home will be truly livable.

WRIGHT RUBBER TILE
FLOORS OF DISTINCTION

SEND FOR A FREE SAMPLE of WRIGHTEX in the color of your choice. Compare it with any other floor covering and see for yourself how much difference floors can make.



Wright Manufacturing Co., the oldest and most respected maker of rubber tile floors, manufactures:

WRIGHTEX
Soft Rubber Tile
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Compression Cove Base

WRIGHT MANUFACTURING CO.
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Please send me a sample of _____ (color) WRIGHTEX Rubber Tile.

NAME _____
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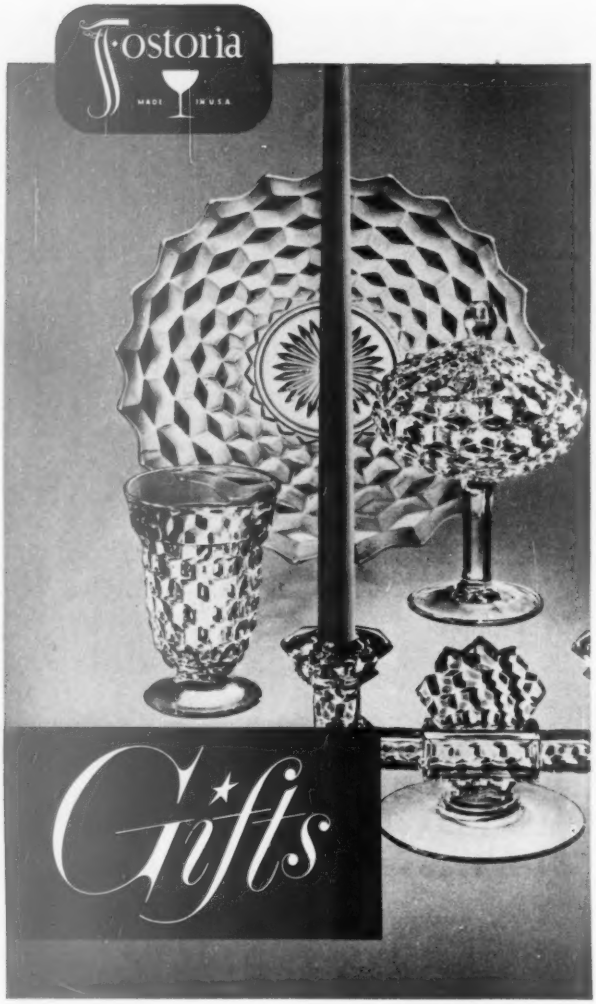

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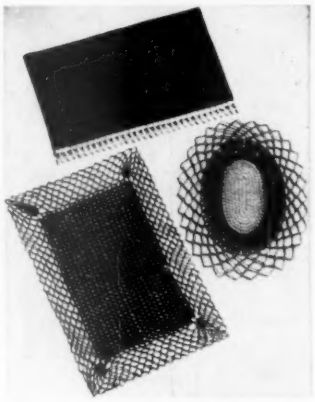
Denim breakfast mat, 5054, has unique double rickrack trim to hang over edge of table. Or you may outline entire mat with rickrack edging. For a kitchen set, make curtains, tablecloth, towels, and pot holders from matching denim, and trim with rickrack. **Rectangular crocheted place mat,** PC5297 is smart, and really simple to make. **Oval crocheted place mat,** PC5087, has two-tone center, wide, dainty, lacy border. Order patterns by name and number, enclosing 6c for each. Address Better Homes & Gardens, 6810 Meredith Bldg., Des Moines 3, Iowa.



Directions for gifts you create

Box pillows: You'll need 1¼ yards 36-inch-wide felt, pillow ticking, or heavy muslin for pillows; the same amount of plastic material or washable cotton for pillow covers; and feathers or cotton for stuffing.

Fold selvages of 36-inch-wide felt, ticking, or muslin together. Cut across double-thickness material 22 inches from one end, then cut down fold of this 22-inch section. This makes four pieces 11x18 inches, which will form fronts and backs of two pillows.

Cut remaining material in three equal lengths, which makes three 7x36-inch strips. Cut one of these strips in two 18-inch lengths. Sew 36-inch and 18-inch strips together to give you two 54-inch strips. These will be inset pieces between pillow fronts and backs, to make pillows box-shaped.

For each pillow, seam a 7x54-inch strip between two 18x11-inch rectangles, leaving one end open. Turn, and fill compactly with stuffing. Blindstitch open edges together.

Make slipcovers of plastic material or washable cotton in the same way. Edges of slipcovers blindstitched together can be snipped apart to take covers off for washing. Or you may insert zipper openings for easy removal.

Sewing basket: Buy a basket, preferably with lid, and about ½ yard lining material.

Trace around bottom of basket on fabric; cut circle ½ inch larger than marked, to allow for seaming. Measure diameter and height of basket. Cut strip 1 inch longer than diameter, and 2½ inches wider than height. Seam ends together to make a circular band, then join one edge in seam to fabric circle cut for bottom of basket.

Turn top down in generous hem, run gathering thread ½ inch from top to make a ruffle heading and a casing for drawstring ribbon. Pull together enough so that lining fits snugly around top of basket; tack to basket.

Ends of ribbon drawstring can be tied around a darning aid to hold it in place. You may also sew ribbon loops on lining to hold scissors, packages of pins or needles, and spools of thread. Tack pin-

Begins on page 68

cushion at top of lining, within handy reach. If basket has lid, fasten bunch of artificial fruit on top for color touch.

Child's tray set: You'll need 12-inch square of white felt for beanbag, white cotton 12x15 inches for the bib, a bright-colored tray without design, and textile painting kit.

Cut animal stencil (directions in textile-paint kit will tell you how). To make beanbag, trace stencil outline twice on felt, paint features with textile paint, and cut out the figures. Place right sides of two parts together; join in seam, leaving a small opening. Turn, fill with dried beans, and blindstitch open edges together.

To make bib, hem one end and two sides of cotton rectangle. Cut semicircle in unfinished end for neckline, and bind with bias tape, leaving 12-inch strings for tying. Paint animal stencil pattern on bib front. Decorate tray with same stencil pattern.

Clown towel ensemble: Buy standard-size white bath towel with colored border, washcloth to match, and enough chintz to include figures you wish to use for appliqués.

Cut figures from chintz, allowing ¼ inch around edges for hems. Baste hems, then appliqué to towel and cloth with tiny stitches.

Fruit pot holders: You'll need two 6-inch squares of yellow chintz; two 6-inch squares of red chintz; 4x10-inch piece of green chintz; the same amount of flannel or soft material for padding; red, yellow, and green bias tape.

Cut two pear shapes from yellow chintz squares, two apples from red chintz squares, and four 2½x 4-inch leaves from green chintz.

Seam two leaves together with padding between; bind with green bias tape. Seam two pears together, with padding between; tuck a leaf into seam at one side, and insert a bias tape loop at top. Repeat procedure for apple pot holder. Bind fruit with matching bias tape.

Sewing apron-bag: You'll need about ⅞ yard 54-inch-wide sailcloth or canvas for bag, 3⅓ yards brushed cotton fringe for trim, and 3 yards ¾-inch-wide grosgrain ribbon for drawstrings.

Cut sailcloth or canvas strip 50 x20 inches. Turn a small hem in two long sides; stitch. Turn 2-inch hem along each end; stitch. Run second row of stitching down center of each 2-inch hem to form casings for two drawstrings.

Twelve inches from one end and 26 inches from the other, make a 2-inch tuck on the wrong side; stitch across top and bottom of tuck to form casing for third drawstring.

Fold 26-inch section up to meet tuck; stitch down each side, starting just below casing hems. This forms apron pocket or sewing bag.

Pull a 24-inch length of ribbon through each of the two casings at top of pocket; tie ends in knot at each side. These drawstrings pull together to make the bag.

Pull 60-inch length of ribbon through casing at top of bib, letting an equal length of ribbon extend on each side; tack in place. You have apron strings to tie around the waist.

Apron-mitt set: For the apron you will need about ⅞ yard 36-inch-wide figured chintz, and ¼ yard 36-inch-wide solid-color chintz. For the mitt, you will need an 18x31-inch asbestos-material dish towel, with the same size pieces of cotton padding and lightweight lining material.

To make mitt: Place cotton padding between asbestos material and lining, and quilt on the sewing machine. Draw pattern by outlining right hand on double-thickness paper and sketching flare around wrist. Cut pattern ¼ inch larger all the way around to allow for seam. You have two identical patterns for front and back of mitt. Place on padded material and cut out. Put two right sides of mitt together and join in seam; turn. Hem top. Cut flower from edge of figured apron chintz and appliqué onto mitt back.

For apron skirt, cut 25-inch-long strip from full width of 36-inch figured chintz material. Hem down each side and across one end. Gather other end.

For waistband, cut two 4½-inch strips from full width of 36-inch solid-color chintz. Piece together to make 71-inch-long strip.

Draw gathered skirt top to 18-inch width. Place center right side of waistband at center right side of apron top, and pin in place. Join edge of band to skirt top in a seam, letting sash ends extend on each side. Turn half of band to wrong side, and hem by hand over seam. Hem sash sides and ends.

Cut 6-inch figured chintz square for pocket. Bind one side with solid-color chintz to form pocket top; baste hem in other three sides; stitch to apron.

Cock place mat: Make from piece of bright solid-color butchers' linen 15x17 inches. Pull threads in edge to make fringed trim. Cut rooster stencil, and apply design on mat with washable textile paint. Cut slit in tail, and buttonhole-stitch the edges.

Fringe 6-inch square of white butchers' linen to make napkin, paint feather design on it, and tuck in mat slit to represent rooster's tail.

Butterfly place mat: Make the mat from organdy piece 15x22 inches. Cut scalloped ends, turn onto right side of mat, and hand-hem in appliqué fashion. Hem two long sides of mat. Cut butterflies from chintz. Tack onto mat down center of bodies so that wings will flutter. Or appliqué in place.

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W-129

What a report card

Does it help you help your boy or girl? Or does it merely show how smart or dull he is compared to the rest of his classmates?

Thinking back to your own school days, do you remember how you felt when you brought *your* report card home? If your marks were high, were you elated, expecting praise, and disappointed if your parents did not give it? If your marks were low, did you drag home from school slowly, afraid of a scolding or punishment?

Your youngster reacts the same way you did. Children worry about grades. But they should not have to be afraid or ashamed to bring their report cards home.

The way your boy or girl feels about his report card, and its effect on his personality and future, depends largely upon you.

Do you scold him, order him to work harder, deprive him of things he enjoys if his report card disappoints you?

What's the effect of such punishment? It makes him unhappy. He promises to work harder. For a few days he may keep his nose to the grindstone. Then comes a relapse, and his next report card is little better. "I feel like trying for a little while," one boy said, "but the urge usually dies out in a week or two."

Many youngsters, however, have testified to the good effect of praise and encouragement. "When my mother and father praise me," one boy said, "I feel happy and ambitious and all pepped up to begin studying right away." Another child says, "My parents never punish me even if my marks are poor because they don't think you should be punished if you're really trying."

All studies on this subject agree that praise is more effective than blame. Yet, even when a youngster is doing his best, the only comment some parents make is to tell him to do better.

If we were to arrange parents' responses to children's report cards on a scale from the worst to the best, they would fall into a list something like this:

1. Severe punishment for bringing home failing marks, even though a boy or girl has been trying [*Turn to page 204*

"I'm so nervous I'm on edge when I take my report card home. That's the only time I chew my nails."

really means

By Ruth Strang
Professor of Education
Teachers College, Columbia University

"I'm so ashamed of a poor report card. I don't like to disappoint my folks. That's the worst part of it."

"I'm not much credit to my family. I'm just on a C level. That's the lowest level you can be in our school."

"Sometimes I have even thought of suicide or forging my dad's name."

"If I've failed, I just think of all the things my mother and father are going to say—'You can't go out to play after school' or 'No more movies till you do better.'"

"When I have a lot of failing marks, I can't bear to go home; makes you want to run away."

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What a report card really means

Begins on page 202

hard and working up to capacity.

2. Punishment that frightens a child, makes him anxious, and destroys the loving relationship with his parents.

3. Depriving him of wholesome recreation. This may impair, rather than improve, his schoolwork.

4. Telling the boy or girl to work harder.

5. Praising good parts of the report, and helping him to analyze the difficulties and make specific plans to correct them. This often requires meeting with the teacher.

6. Showing a youngster that he's in no danger of losing his parents' love even though his marks are far below average, if he does as well as he can.

7. Encouraging him to think through the situation *himself*—what he likes and dislikes about school, why he got failing marks, how he could have done better. This is the best approach of all.

Where would you rate yourself on this scale—at 1, 2, 3, or 4? Or 5, 6, 7? To be sure, no one method works in every case. Your boy or girl is different from every other and should be treated in the way that seems best for him. But you are much more sure to get long-term, good results if you try the kind of procedures described in items 5, 6, and 7.

In order to be helpful to your child, you need to know what his report card really means. This you will have to learn from the school your boy or girl attends, for different schools have different ways of reporting. Many schools still use marks for each subject in percentages, others use letter grades (A, B, C, D, F), others use "satisfactory" or "unsatisfactory." Usually these marks show your youngster's general position in relation to other pupils in his grade.

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This kind of mark does not tell you whether he is doing the best he can. A mark of B may be low for a bright child, very high for one of less ability. Recognizing this, some teachers add comments on the report, indicating whether the marks are high or low for a particular child.

Other schools mark *only* in terms of ability; a student will get A if he does his best, regardless of whether or not others in the class do better work. This kind of report is more encouraging to the less brilliant child, and it stimulates the really bright youngster to work up to capacity. A few schools have a dual marking system: In one column they show how the child stands in his grade; in the other column they show how he is doing in relation to his ability.

Since you are interested in the *all-around* development of your boys and girls, your school should report more than mere marks. A school should give you some indication of your youngster's improvement in health, study habits, and growth toward maturity.

It's seldom, though, that any report card can tell you exactly what—if anything—is wrong. All it tells you is that your child is low in this or that and he should try harder. If the report includes an *analysis* of each subject, showing whether your child is weak in vocabulary or reading, written or oral work, reasoning or computation, then you have something specific to work on.

Instead of putting this kind of information on a report card, some schools provide conferences between parents and teachers. This is the best plan of all.

Perhaps your boy or girl goes to a school that issues *no* report cards. The theories behind this policy are that marks are not necessary as incentives and that if a pupil becomes interested in a subject and develops a sense of responsibility, he'll work harder than just enough to pass.

The newest development of all is to have students write their own reports. The teacher then talks the report card over with each one and adds suggestions before the report goes home. Thus each youngster becomes more aware of his goals and better able to judge himself.

This shift of responsibility is of great importance. It implies a different approach to report cards. In the past, you were supposed to be responsible for making your youngster do better next time. That meant lecturing, scolding, threatening, taking away things that give pleasure to a boy or girl.

One mother used the better approach: Her child wrote, "I knew I should have had higher marks. My mother asked me if my report card was good. Because my mother can be understanding, I told her just what I thought about it. She looked it over carefully. Then she looked at me and said, 'How do you think you can do better next time?' She signed it and gave it back to me. I went to my room and thought about it. After supper

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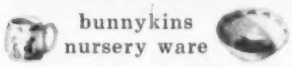

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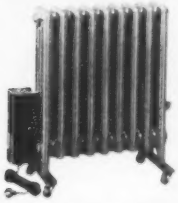

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I had a nice long talk with her about how I might get my marks up. Mom knows about what my ability is in each subject. I didn't get any rewards because I'm expected to do my best. It's a wonderful feeling to know your parents believe in you and expect the best of you."

Well, what *should* you do when your youngster brings home his report card?

First, try to see it from your boy's or girl's point of view. Try to

get into his world. Don't think about your own disappointment when Johnny falls below your hopes for him. Look for signs of progress in his record instead of comparing him with the neighbor's offspring.

Second, find out what the marks and comments on the card *mean*.

Third, try to find what causes any low marks. Sometimes a youngster himself can make an astonishingly accurate diagnosis if you encourage him to think things through.

The school can usually tell you, if the report card does not, whether your boy or girl is working up to capacity. This is important information. Without it, you might be unjust to a youngster who is doing his best or you might let a bright youngster slip into laziness.

It is hard to face the fact that Johnny's failure may be caused partly by lack of ability, not by lack of effort alone. The teacher of the subject in which your child is failing may be able to give him help on how to read and study that subject more effectively. Most children get too little help along these lines. Urging them to study harder or to spend more time on their homework is not enough. Without a plan of action, anxiety is bottled up and intensified.

There is an important difference between arousing feelings of insecurity and guilt, and creating just enough anxiety to stimulate a youngster really to try. If your boy or girl knows that you love him and understand his limitations, he will want to keep your affection by working up to his full ability.

Sarcasm

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Cuts hidden wounds that do not heal . . .
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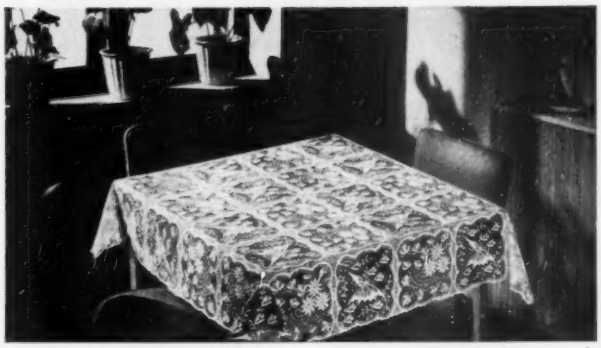
—*Richard Armour*

How a simple affair becomes a "meal with an air"...



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If you really want them to be leaders

Continued from page 172

tains dependable usefulness and loyalty in your family group, he will adapt himself more readily to bigger groups: the neighborhood, the nation, and the world.

The leader persuades

As a boy I belonged to a chapter of the Knights of the Round Table. We had titles, paraphernalia, wonderful hocus-pocus in the way of ritual. But we had no castle, no clubhouse. One of our members—Sir Gawaine—proposed that we try to wangle the use of an abandoned warehouse. The owner was the town grouch. He hated boys. But Sir Gawaine was persistent. With two other knights, he approached the man—without success.

Sir Gawaine refused disappointment. He proposed that we organize our dads to rent the warehouse, guarantee it against damage, or even buy it for us. He argued passionately, was finally appointed, as a committee of one, to call on his father and two others. Nobody knew just what he said, but the upshot was that three men and a boy visited the warehouse owner. Results? We were granted the use of the place, at $5 a month, with the fathers underwriting the deal. Need I add that Sir Gawaine shortly found himself advanced to sit as King Arthur at the head of the Round Table? We were sold on him—that *his* interests were *our* interests, that *his* efforts were for *our* good.

The gift of gab is often overrated. Many fluent talkers never work anything but their tongues, and many leaders speak best through their actions. But even so, you can do almost nothing more helpful for your boy or girl than to encourage him in public speaking. It's a powerful tool.

Another suggestion. I know a father who makes a practice of putting up sales resistance to his youngsters' ideas and requests. He asks to be shown. He wants them to justify themselves to themselves—as well as to him. He wants them to strengthen their mental muscles against opposition.

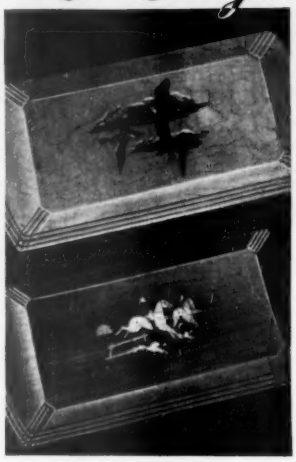
The leader stands firm

An obvious element in Sir Gawaine's success was his stubbornness. He was not a boy to be pushed around or easily balked. He could take a stand.

One of the outstanding studies that have been made of leadership was that of Dr. Helen Jennings of the Sociometric Institute, Washington, D. C. She used as her laboratory 400 teen-age girls, living in an institution. She wanted to learn who were the most often chosen to be leaders, companions, roommates, and counselors. And why.

She discovered that the leaders were chosen for being original, for frequently resenting authority and taking initiative without permission, for voluntarily doing more

HASKO Trays



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than their share, and for standing up for the weaker. The girls who became leaders were not only the most sensitive to the needs of the group, they were the strongest personalities. Not necessarily the most beautiful, the best apple-polishers, the gayest, the best mannered, the best dressed, *but the strongest*.

Dr. Merle E. Bonney studied children in the schools of Denton, Texas, over a six-year period. One of the things he did was to draw up for each child a *personality* score and a *popularity* score. The personality rating covered two groups of qualities: *attractive* qualities (courteous, tidy, thoughtful, kindly, pleasing, etc.) and *aggressive* qualities (talkative, bossy, attention-getting, stubborn, daring, etc.)

When the personality scores and the popularity scores were compared, this is what was revealed: *The upper 20 percent of the children most chosen as leaders and companions ranked high on BOTH groups of personality traits.* That is, the most popular were *both* attractive and aggressive.

This led Doctor Bonney to comment, "The old saying, 'If you want to have friends, be one,' is only a half-truth. Some of the most friendly subjects in my study have been rejected by their associates. . . . The trouble with such children, and with adults, is that they are not strong personalities. . . . A person to be genuinely popular (a leader) must make himself count for something."

We are by now in a position to venture a guess about Junior and Mildred Allison. They could chum with others on friendly terms and liked using them as an appreciative audience. But beyond that, they were too mild, too pleasantly flexible to take a strong stand on anything, too reluctant to go to bat against opposition and incur enmity, too complacent to exert themselves unduly, too ready to let-George-do-it.

If you want your boy or girl to be a leader, you will help him develop more than social grace. You will not emphasize too much the technique of always buttering-up other people in order to win them. You will not try to kill off the mule in him or smother wholesome enthusiasm. You will further his righteous indignations, cheer on his crusading determination to do something about it. You will challenge him to show his strength in behalf of his friends. And you will—as we have said already—try to set an example.

Fortunately, not all children aspire to be leaders. They sense the heavy demands and shy away. Many will grow up to do important work in relative isolation and be happy in the doing. If yours are so inclined, let them. Youngsters can be pressed too hard by overambitious parents—so hard that they are strung tight with anxiety, tormented with guilt, or thrown into rebellion. As leaders of the boys and girls in your own home, you must try to understand their desires and capabilities, and act accordingly.

Emily Post *says...*

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Consultant
Home Decorators, Inc.

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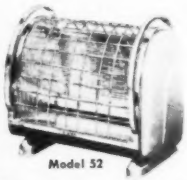

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Side chairs can be comfortable

If your side chairs are stiff and ungainly like this . . .

. . . padded slipcovers will spell new comfort for you

By Katherine Zink

Why put up with stiff, ungainly side chairs? You can make them more comfortable and more attractive with padded slipcovers. The kind of wadding you use for quilts provides the padding. A few yards of material will make the covers.

Here are step-by-step directions for covering the back and the seat of the chair. Directions are separated so they'll be easy for you to follow. Actually, you may want to pattern and cut the back cover and seat pad at the same time.

Back cover

Make the pattern. Lay the chair flat on the floor over a piece of brown paper. Outline the back. Smooth out the lines around fancy carving as you draw the pattern. Add ½ inch all around for seaming. Then cut out the pattern.

Cut the cover. Cut the front section exactly like the pattern. Cut the back section in two pieces so you can fasten the cover in the middle of the back and get a snug fit. If you plan to use a slide fastener, allow 1½ inches extra at the middle edge of each piece. If you want to have buttons, add twice the button width at the middle edge of each piece.

Cut a 2-inch boxing strip long enough to fit the top and sides of the back cover. Cut a deep ruffle flounce twice as long as the bottom of the cover (both front and back).

Fasten the back cover. It's easiest to make the buttonholes or stitch on the slide fastener before the slipcover is finished. If you are using a slide fastener, turn under the placket allowance on both pieces and baste them flat. Then stitch on the slide fastener. If you're using buttons and buttonholes, finish them as you would for a dress placket.

Add the ruffle. Hem one edge of the ruffle. Shirr the other edge. Stitch the ruffle in place along the bottom of the cover; the ruffle should start at the back center, under the placket. (This ruffle will cover the bottom of the boxing strip.)

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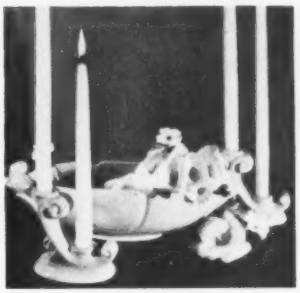

Smartly styled simplicity

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Abingdon POTTERY

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Hem the raw ends of the ruffle.

Now the back cover should look like a pillowcase—with boxing around the top and sides, and ruffles across the bottom.

Pad the cover. Trim the ½-inch seam allowance from the pattern for the chair back. Use the pattern to cut as many thicknesses of padding as you need. From a double thickness of padding, cut a boxing strip long enough to cover the top and sides of the pad. This boxing should be about 1½ inches wide.

Stitch across the padding layer for the front and the layer for the back to give them firmness. (Lay tissue paper over the padding to keep the treadle foot from tearing it. Pull off the tissue after the stitching is completed.) Then stitch the boxing strip between the front and back layers of the pad. Leave the bottom half of one side seam open.

Slide the padding over the chair back. Whipstitch the open seam closed. Put the slipcover over the pad—and the back cover is done!

Seat pad

Make the pattern. Lay brown paper on the chair seat. Draw the outline. Add ½-inch seam allowance all around; then cut the pattern.

Cut the cover. Use the pattern to cut two matching pieces for the seat pad. Cut a straight strip of boxing deep enough to make an attractive pad, but narrow enough to hold your padding together. (The chair pictured has 12 thicknesses of padding in the seat.) Make the boxing strip long enough to go all the way around the pad. Cut a 6-inch ruffle for the front and sides of the pad. Cut an extra 6-inch ruffle for the back edge.

Stitch the seat pad. Baste one edge of the boxing strip to the top section of the seat pad—right sides facing. Begin your basting at the back edge of the cover where one of the uprights meets the back of the chair. Stitch, turn, and stitch again to make the boxed seam. Snip extra fabric around the cutouts so the cover will lie smooth.

Hem one edge of both ruffles. Gather the other edge. Baste the long ruffle to the lower edge of the boxing strip—right sides facing. Turn the cover wrong side out, and stitch the bottom section in place along the same line of stitching. Seam the raw edges of the boxing strip together. Turn the cover right side out and press. Baste and stitch the short ruffle to the boxing strip at the back of the cover. Leave that seam open as a stuffing vent.

Stuff the seat pad. Trim the ½-inch seam allowance from the seat-pad pattern. Then use the pattern to cut the wadding. Stitch the thicknesses of wadding together. Add the wadding through the vent at the back.

Finish the seat pad. After the wadding has been inserted, sew up the vent opening. Cut four 16-inch strips of 2-inch grosgrain ribbon. Sew them to the back corners (at either side of the uprights) so you can tie the seat pad in place.

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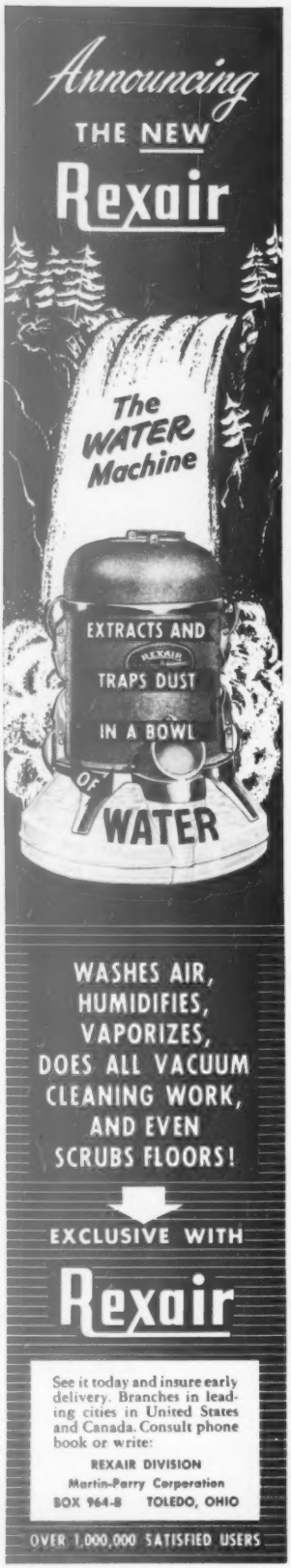

Famous foods *from* famous places

No. 1 in a series. This month we visit Charlie's Cafe Exceptionale, Minneapolis, dine at Charlie's spinning smorgasbord

In the center of Charlie's smorgasbord tray, a big bowl of radishes, celery, and olives surrounded by chopped ice. To the left: spiced pickles. Then cottage cheese and chives, liver pate and mustard sauce, smoked sturgeon, deviled eggs, Swedish meat balls, fresh shrimp with tangy cocktail sauce, and marinated herring in sour cream

When you entertain, you like to have something different, something so good folks will eat to the last morsel, something so easy to serve you can relax and enjoy the meal.

Here's an idea from Charlie's Cafe Exceptionale, meeting place of Minneapolis lovers of good food. High spot of dinner at Charlie's is the revolving smorgasbord tray, set in the center of the table and loaded with delicacies. Guests help themselves at the spin of the tray to scoops of liver paste with mustard sauce, smoked turkey, icy relishes, and other specialties.

You can fix a smorgasbord dinner at home. Select the foods you like—some crisp and cold such as relishes, some bland like cottage cheese, others hot and hearty like Swedish meat balls. Load the food onto a Lazy Susan or tray and set it in the center of the table. Serve dark rye bread, crisp crackers or hard rolls, a tossed salad, dessert, and coffee. You'll have a meal that your guests will remember.

Liver Pate

1 medium onion, chopped
1 clove garlic, chopped
1 pound calves' liver, diced in 1-inch squares
1 teaspoon salt
¼ teaspoon pepper

Fry onion and garlic in butter until golden but not brown. Add liver, salt, and pepper, and fry over low heat until cooked. Put through food chopper, using fine blade. Blend with mayonnaise to form balls. Makes 2 cups liver paté.

Mustard Dressing

3 tablespoons paprika
1 tablespoon pepper
1 tablespoon horse-radish
1 tablespoon salt
3 tablespoons prepared mustard
2 tablespoons chopped parsley
1 cup vinegar
3 cups salad oil

Mix all ingredients except oil. Add oil slowly and blend well.

AMONG THE CHERISHED POSSESSIONS in a charming home is a U. S. Koylon Mattress. It took eighteen years of research and experience to produce Koylon, the mattress of utter luxury—the only mattress with this background. Koylon Foam is whipped of quality-controlled latex from U. S. Rubber plantations in the Far East. It is electronically baked in one piece under the supervision of Koylon technicians. The air-borne upthrust of a Koylon Mattress distributes pressure evenly, makes relaxation easy. When you shop you will discover that all foam rubber is not alike—so let Koylon enhance your good living. It is the ultimate in sleeping comfort. No money could be more wisely invested.

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Are you a city sucker?

By C. A. Crosser and Herbert Yahraes

On the day the first robin came to town last spring, the United States Senate was tied up by a filibuster, the State Department was negotiating the Atlantic Pact, and there was a fresh crisis in Berlin. The editor of Ed Turner's local newspaper, though, had still bigger news. He spread it across eight columns: "Council Okays Sales Tax Starting March 15."

After dinner Ed Turner did some figuring in the newspaper margin. "With this and the higher rate on the house," he told his wife, "we're going to be paying about $45 more to the city this year than last."

She made a face. "We could almost get the new slipcovers for that."

"Sure. Or enough paint for the whole place."

"What do you suppose they do with all that money?"

"I'll bite," he told her.

That was a sucker answer, as Mrs. Turner quickly pointed out. But how were the Turners to know whether or not they were getting a good run for their tax money? Aren't municipal affairs a job for an expert?

Yes, they are—but so are jobs like laying a walk, painting a bedroom, and putting in shelves. If you've managed to learn enough about these operations to tell when you're getting your money's worth, you can also learn how to tell if you're getting your money's worth from your town officials.

Maybe your town hasn't yet resorted to a city sales tax. But chances are you're handing it more money than ever before. Do you know why? Are you getting value received? Would it be better to have the extra cash in your own pocket instead of in the city's?

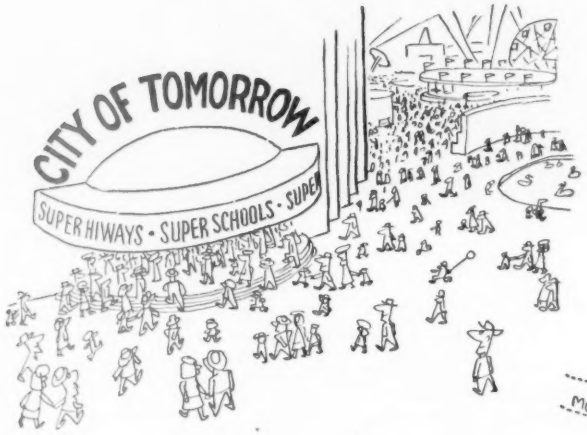
Let's start with taxes, the way the Turners did. Then we can check off what you ought to be getting for what you pay.

Property taxes probably hit you the hardest. Are yours higher or lower than average? You can find out by comparing your city with others of the same size. Here's a table, based on a survey in the National Municipal Review for January, 1949:

Size of cities	Average official 1948 tax rate per $1,000 assessed value	Average adjusted 1948 tax rate on true property value
Over 1,000,000	36.69	30.70
500,000 to 1,000,000	39.35	33.16
250,000 to 500,000	51.78	27.26
100,000 to 250,000	45.35	30.67
50,000 to 100,000	43.57	29.81
30,000 to 50,000	39.93	28.90

(Statistics not available for towns under 30,000.)

It's the last column that's important. You can't compare *official* rates because assessments vary. Property in one city, for example, may be assessed at 80 percent of its true value, and that in another at only 40 percent. So, for comparison, the rates have to be adjusted, or equalized, so they are based on *actual* value of property. [*Turn to page 214*



You can't have the city of tomorrow if you're already taxed for more than you can pay for

No money left for the main show

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Whirlpool gives clothes seven rinses. Four pressure spray rinses . . . a thorough agitated deep rinse . . . then two *extra* spray rinses. Whirlpool-washed clothes are extra-clean . . . extra fluffy!

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These Exclusive Extras Help Make the Big Difference!

Ultra-Violet Lamp. Exclusive with Whirlpool! Germicidal rays that tend to purify air, water and clothes . . . keep clothes fresh and sweet!

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Agiflow Action. Scientifically designed agitator keeps clothes and water moving freely and rapidly. Cleaner clothes, with no twisting . . . no tangling . . . no "balling up"!

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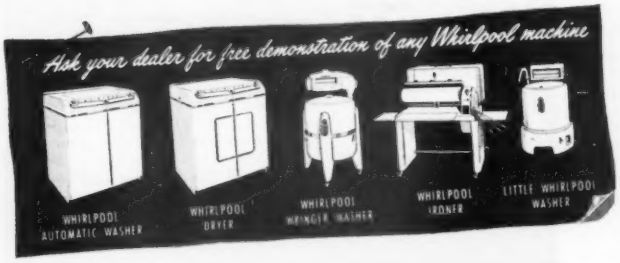

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W. F. Young, Inc., Springfield, Mass.

Absorbine Jr.

Are you a city sucker?

Begins on page 212

Now take your own 1948 tax statement. It gives you the official rate for your community. Call up your assessor or some well-posted friend in the real estate business and ask him what the average ratio of *assessed* to *actual* values is in your town. *Multiply your tax rate by the percentage* figure he gives you. Then compare the result with the average adjusted rate for cities in your population group. Make you feel good?

Here's an example. The Seattle, Washington, taxpayer had an official 1948 rate of $49.60 (or 49.6 mills on the dollar). His property is assessed at about 35 percent of its actual value.

$49.60
x .35
———
$17.36

Thirty-five percent of $49.60 gives an *adjusted* rate of $17.36 on $1,000 actual value, or 17.36 mills on the dollar. *This is the rate that counts when you compare cities.*

He sees that the average adjusted rate for cities in Seattle's group—250,000 to 500,000 people—is $27.26. That's 60 percent more than his own, so he can jump with joy.

In a 10-minute visit to the library, you can get a much better idea of how your town stacks up in this matter of taking your money and spending it. Haul down the latest copy of the American Municipal Year Book. It's as valuable to a city sucker looking for facts as a first aid manual is to a city slicker headed for the wilds.

Begin by checking on your town's spending. That's important because you want to know not only if you are *paying* too much but also if your town is *spending* too much.

It's often interesting to look at the operating cost figures for a dozen nearby communities about the same size as yours. Is your city's total considerably higher than most of the others? If so, something's wrong. Either your town is paying too much for the services it buys you, or it is buying too many of them.

And while you're at it, look at the same table to see if your town is loaded with a heavier bonded debt than its sister communities. And remember that this mortgage is not only on your town but on you as well.

Now you know how your community stands financially. A more important measure, though, is *shopping ability*. You judge your family's shopping ability on what it gets for what it spends. It's an excellent way to judge your community, too. Here are a few ways you can determine what sort of bargains it is getting.

How good is your fire system?

You can find out in a minute by asking your fire chief how the National Board of Fire Underwriters rates your city. This agency—supported by insurance companies—groups cities in 10 classes. The better your class, the lower your insurance rate. There's not a single town in Class I. The largest number are in Class IV. Class II is the one to which your city should aspire.

Many factors are considered: number and condition of fire trucks and hose; size, training, and efficiency of the force; availability of water; adequacy of building codes. Your fire chief would be tickled to death to raise the classification of his department, and he can tell you right off what's holding him back.

A good fire department puts out fewer fires today than it did 10 years ago because it prevents more of them. Does your department thoroughly inspect business places, theaters, hotels, schools?

What kind of police department?

The best way to start getting the answer is to size up crime conditions in your town. You'll find the figures in the latest annual *Uniform Crime Reports* of the Federal Bureau of Investigation, which you can get from your library or police department, or from Washington.

Look at your city's figures for the six major offenses listed. Then look at the figures reported by a dozen communities of the same size and in your section of the country. They'll give you a pretty fair idea as to whether crime is high or low in your town. So will your own observation of whether gambling and similar enterprises that flourish only with a payoff operate unmolested.

In cities with more than 10,000 residents, the average number of police employees is 1.9 for every 1,000 persons. The number runs from 1.4 per thousand for small cities to 2.4 for those over 500,000.

Ask your police chief how many men he has, and compare the answer with those figures. You ought to bear in mind, however, that numbers aren't everything. Some cities with a large force have bad crime records. One alert, well-trained, physically fit, and career-minded policeman is worth a dozen flat-foots content to do little more than pound a beat and collect their pay.

In a good police department, morale is high. You can't measure morale by just asking questions, unless you've known a few policemen a long time. But you can quickly check up on conditions that make for good morale.

Are your policemen well paid and covered by a reasonable pension system?

Are their jobs and promotion opportunities protected by civil service?

Do they have good, radio-equipped cars and motorcycles?

Is there a continuous training program for both recruits and older officers?

Are promising men ever sent to the F.B.I. or Northwestern University training schools, or to traffic courses elsewhere?

Try to size up your chief. His character and competence are more responsible than almost anything else for the kind of law enforcement your town gets. He ought to be firm, and he ought to be eager to modernize his force.

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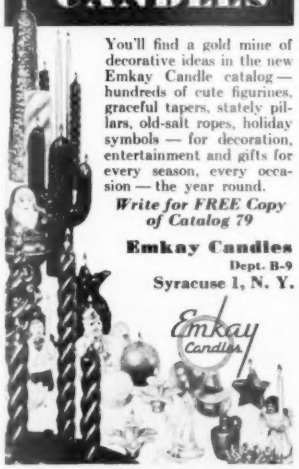

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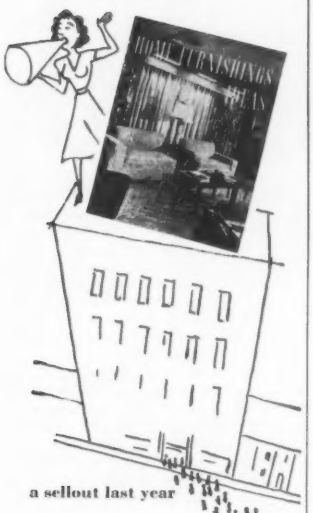

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Better Homes & Gardens Home Furnishings Ideas book

What about traffic safety?

Keep your eyes and ears open as you drive and walk around town. Are dangerous intersections unguarded by traffic lights or stop signs? Are downtown streets so cluttered with parked cars that you almost brush fenders with the opposing stream of traffic as you crawl along? Do trucks bound through your city have to use streets filled with local traffic? Can you or anyone else fix a ticket? If so, you're making a poor buy.

For statistics on where your town stands in safety, ask your newspaper or your police department how many persons were killed in traffic accidents during 1947. Or get the figure from the 1948 edition of *Accident Facts*, a booklet put out by the National Safety Council, Chicago.

Then see how your town compares with the national averages.

One basis is the number of traffic fatalities per 100,000 persons. In 1947, the average for all cities was 11.9.

If your town runs much higher than the average, it hasn't done a good job of shopping for traffic safety. Advice from a qualified traffic engineer would almost certainly be a good investment.

Your family's health?

You are entitled to have your garbage hauled away once a week in winter, and once or twice a week in summer. Your city should pick up trash, too, provided it is suitably boxed or baled for convenient handling. However, don't expect a service that picks up garbage cans from back of the house to be as cheap as curb service.

Your tax money should buy you a real inspection of dairies, grocery stores, meat markets, and restaurants. And it should bring you decent drinking water at adequate pressure—at a rate that doesn't tempt you to drill your own well. If the water is hard, the community can have it softened, which will mean more money for water but less for soap.

A broad vaccination and immunization program—largely carried on in the schools—should be part of the health service your money buys. So should quarantine regulations, strictly enforced.

Are you ashamed of your streets?

When chuckholes develop in front of your place, are they attended to quickly?

Are your main streets flushed frequently—downtown ones daily?

Do snow-removal crews move fast to keep the main streets open, and reasonably fast to clear out the others?

Is there a light at each intersection and others in the middle of long blocks?

If you can't answer *yes*, something's wrong with the town's spending.

Where does your family play?

You're entitled to a park and playground reasonably near your home. School buildings should remain open at night for adult

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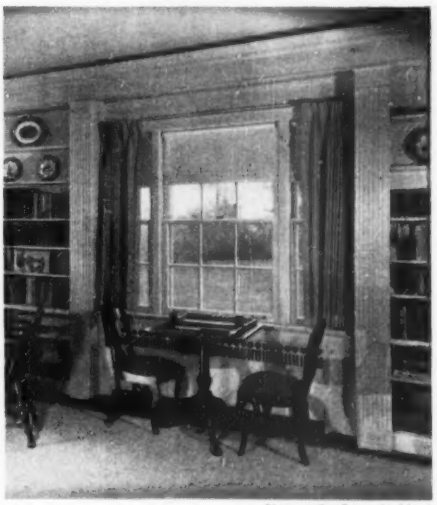

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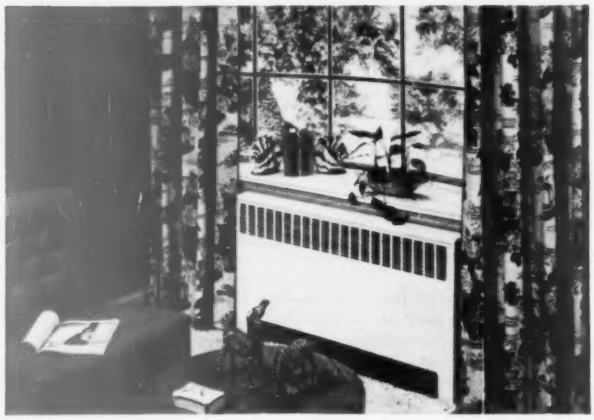

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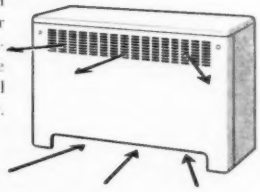

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Are you a city sucker?

Continued from preceding page

education classes, sports, and other community activities. At least some of the playgrounds should be supervised.

The parks should be well kept, have picnic places, band shells, and ball fields—if your town can afford them. Facilities like tennis courts and swimming pools can be largely self-supporting.

How do your schools rate?

You can get a partial answer from nearby colleges. Are they glad to get your high-school graduates? Do young people from your town make the grade as readily as those from other towns? Do they win as many scholarships? Are they well rounded?

But don't be content with that. What about the majority of students who won't be going to college? Do your schools offer vocational courses geared to job opportunities in your area? It doesn't make sense to install a school printing plant that will train scores of printers a year—as one city did—if the printing trade in the area can absorb only a few of the graduates.

The best way to size up the schools is to observe the persons who work in them. Are your children interested in what they are studying? Are the teachers sympathetic and enthusiastic? Does the superintendent have clearly in mind what he is trying to do? Very important, is there anyone who gives individual help to your children in meeting problems that come with growing up?

Supplement this information by looking at the mechanics of school operation. Here are a few principles:

School buildings should be large enough so that sessions need not be staggered—one batch of youngsters going from 8 o'clock, say, until noon, and another from noon until 4. They should be safe and comfortable.

One teacher should not have more than from 25 to 30 pupils. Larger classes not only overwork the teachers but also provide too little supervision for your boy or girl.

Salaries should be high enough to attract and hold teachers who can make a youngster eager to learn. A low salary scale may save you a dollar or two in taxes, but in the long run it will hurt your children. It may keep away prospective taxpayers who are looking for a good school system. If your town has been losing popular teachers to other communities, that's a danger signal.

The schools should be independent of the city government and run by an elected, unpaid board that appoints the superintendent. Your schools can be badly fouled up by city politicians

What's next door?

There is at least one other important service your community should be providing—protection against the possibility that a factory, gas station, or boarding-house developer will move in next door to you. You're entitled to a strictly enforced zoning ordinance that divides the town by districts according to the predominant use of property in each.

There should be residence districts—first, second, and perhaps other classes of them; apartment-house districts; and commercial and industrial zones. One lovely old town has been discussing zoning for years, and not getting anywhere because influential residents were afraid it would keep them from having a few chickens in their acre-big back yards.

While they were arguing, someone put up a tavern right across the street from the new high school.

You can gauge the *effectiveness* of your city's zoning by noting how firmly your officials protect people in a first-class residential district from duplexes or apartment houses.

Are your taxes this low?

If they are, you're probably getting your money's worth. Each of these cities has a tax rate (adjusted to an estimated true or full value of property) well under $29—the average for cities of over 30,000 population. If your local rate is appreciably higher, your city may: (1) lack community wealth, (2) have its assessed values too low, (3) fail to spread its total tax burden through other forms of taxes, or (4) be wasting your money. Perhaps it's high time to get your dander up.

City	Adjusted 1948 tax rate per $1,000
Dayton	$ 9.00
Saginaw	9.00
Cincinnati	12.00
Oklahoma City	12.00
Dallas	13.00
Kansas City, Missouri	14.00
Grand Rapids	14.00
Flint	16.00
Toledo	16.00
Charlotte, North Carolina	19.00

When you build a house or remodel, do city inspectors make certain the work conforms to your community's building, electrical, and plumbing codes? And are these codes sufficiently modern to let you use cost-cutting, but safe, developments in materials and techniques? Ask an architect or reputable contractor.

How are you treated?

Finally, an excellent measure of how well the community is spending your money is the way you are treated at the city hall. You're entitled to answers to your questions and courteous and prompt handling of complaints.

Tax rates have been climbing—last year the adjusted rate was more than 6 percent higher than the year before. Cities right and left have been adopting new taxes or seeking permission to do so. Local sales taxes and even local

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income taxes are growing more common.

Mayors and city councilmen declare they are forced to seek new revenues because citizens are demanding new improvements and more services. There's a lot to that argument; if taxes are getting too high, you and I have to share part of the blame.

Look for these two danger signs: First, taxes increasing faster than your income (unless, of course, they have always been too low because you weren't getting essential services).

Second, failure of your town to take off emergency taxes as soon as the emergency is over. A case in point is the sales tax imposed this year in our town to pay off debts inherited from the previous administration. Already some groups are clamoring that it be continued a while longer to buy a new swimming pool and to raise the wages of city employees. The sad fact is that a tax once levied is rarely repealed.

There is a third danger signal: Your town ceases to be a good shopper when it goes deeply into debt for services it doesn't need.

If your sanitation department doesn't collect your garbage on schedule because it needs new trucks, you ought to be glad to see it buy them. And you ought to be glad to help pay for a program to unsnarl the traffic problem.

Dream-town building, though, is another matter. Your city might well be pleasanter if it had expressways, along which you could speed from business center to home in a few minutes; a civic center that included a museum and a municipal auditorium; and three times as many parks as you now have.

But if it proceeded to get all of them in a hurry, it would end up like one of those medieval communities whose palaces and cathedrals were surrounded by the hovels of people who barely kept alive on what they had left after visits from the tax collector.

It is often argued that an improvement will cost you only the price of a few movies, or a couple of cartons of cigarettes each year. This may be true, but the temptation is to pile improvement on improvement until your share of the total may be enough to keep you from painting your house or taking a vacation.

Some improvements are necessary, of course. The high school in one fairly wealthy community burned down a few years ago; since then classes have been held in several small buildings, including a converted garage. A slight majority of voters turned down a bond issue for a new school because they didn't want the town to go into debt—a bad argument in this case. It not only penalized the school children, but also turned away prospective residents who would help pay the debt.

What you have to do is distinguish between services that are *essential* and those that are merely *desirable*. If your bonded debt is heavier than average, you'd better

[*Turn to page 250*

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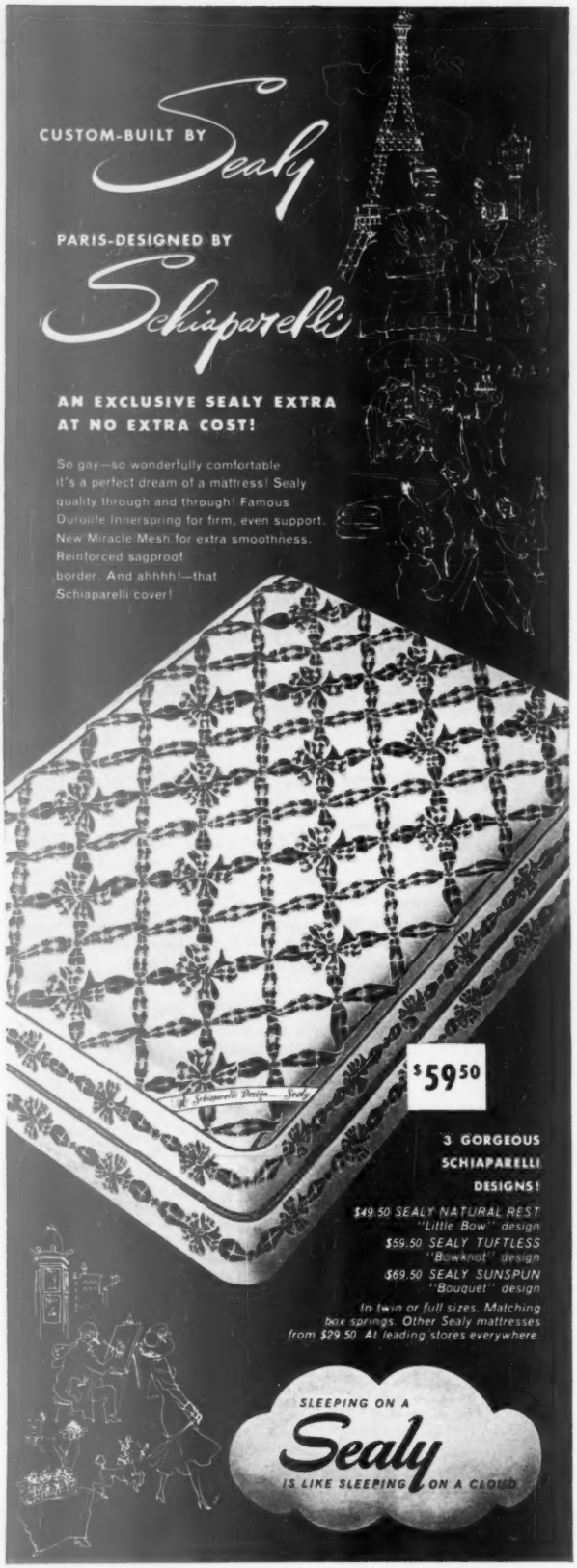

With picture groupings you can

Dramatize your walls

By Ethel McCall Head

Picture groupings are your answer for wall spaces which are too big or too bare. Space that might dwarf one picture will gain new drama when it holds a group of engravings or watercolors.

First rule usually is to hang pictures of the same type together: flower prints with flower prints, etchings with etchings. Break the rule if you like, but check to see that pictures look right together before you hang them.

Second, relate your picture group to the furniture over which it hangs. Place the pictures low enough so that they really become part of the background for the lamp, the chair, or the sofa. The width and depth of the picture grouping will depend on the wall space above the chair or sofa.

Finally, let the over-all form of your picture grouping be symmetrical. Safest is to hang pictures in a square or rectangle. But you can experiment with pictures in a U-shape around a hanging shelf or with a strip of pictures at either side of a mirror.

Here are a half-dozen ways to give your walls drama with groups of pictures. Chances are you can use one of these ideas in your own home.

Add importance to your sofa wall with pictures plus hanging shelves. Here's one way to do it: Group two quartets of prints at either side of the shelves. Space prints so they balance the size of the shelves. Notice how the bottom of the frame on the lower row of these prints lines up with the bottom edge of the hanging shelves

Match frames and mats to give a group of four etchings the drama of a single large painting. Space between the pictures usually should be wider or narrower than the width of the mats—to avoid a monotonous repeat of equal color strips on the wall. Lorenz A. Hansen, decorator

Dramatize a hall wall with a group of prints. When you hang pictures below one another, put the nail for the top picture in first. Then tie a weighted string to the nail. This string will act as a kind of plumb line to help you center the lower pictures

Set off favorite photographs by matting them together in a single frame. Always leave enough space between to make each picture distinct. When pictures are framed together, it's wise to have them related to one another

Bring new life to a window with a set of flower prints. Note how the pictures hug the wall. Tighten the wires across the backs of your pictures—so the pictures won't jiggle out of place after they have been arranged on the wall

Mix different-sized pictures for a more unusual effect. Here you see large and small prints combined with hanging shelves. If you're planning to group pictures of different sizes or shapes, work out the arrangement on the floor—before you put any nails into your wall

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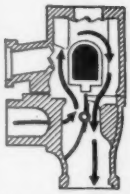
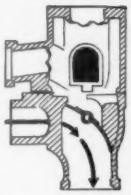


HEAT CONTROL VALVE OPEN



HEAT CONTROL VALVE CLOSED

Valve in exhaust manifold circulates exhaust around intake manifold for quick warmup. Photograph shows location in manifolds. The valve shaft needs graphite

away drawings above). This valve circulates hot exhaust around the center of the intake manifold as illustrated. When the engine warms up, a thermostatic spring closes this valve and the exhaust flows straight to the exhaust pipe. But on some cars this valve corrodes and sticks. If it sticks closed, you waste gasoline through slow warmup. If it sticks open, the red-hot exhaust overheats the intake manifold, and the incoming gas vapor from the carburetor expands too much, and you can't suck enough into the engine for normal power, speed, and acceleration.

So check this valve every thousand miles or so to see that it's working freely. Squirt a shot or two of graphited kerosene (just powdered graphite stirred into a little kerosene) on each end of the shaft to keep it working freely. Oil is of no value as a lubricant here; it burns off.

Scrap spongy hoses. Occasionally when you've got the hood up, run a hand along the radiator and heater hoses, squeezing as you go. Have someone gun the engine to see if you can feel any change. If a hose is cracked, if it feels soft and spongy, not firm, or if it swells or sucks in when the engine is gunned, replace it. It's about shot and may break at any time, emptying your radiator water out on the road.

To check for grease and rust. Stick your longest finger inside the radiator filler neck and scrape it around. If it comes away smeared with an oily scum and rust, it's time to clean the system with a chemical cleaner.

Grease and oil are the worst of all troublemakers in a cooling system. The grease may be excess from water-pump lubrication. Oil may have gotten in through a leaky cylinder-head gasket. They are churned up with rust and rotted rubber and other foreign material and smeared over the system's innards, a blanket of insulation that impedes water flow and cooling. A good cleaner dissolves this oily binder and frees solids so everything can be flushed out.

There are several on the market with directions. This is how you use a typical one: Shake the can, pour the contents into the radiator. Leave it there until you've driven 200 miles. Drain and flush the system until the water runs clear. Refill with fresh water. That's it.

What do they mean, "flush"? If you look at the owner's manual you got with your car when new, you'll likely find it tells you to "flush the cooling system twice a year (it's most convenient when adding or removing your antifreeze)." Fine idea. How? It doesn't say.

The simplest and least effective "flush" is to open the drain cocks on both the radiator and the side of the engine block, drain, then flush by turning a water hose into the top of the radiator or by pouring the radiator full of clear water several times and letting it drain out the bottom. Then shut the cocks, fill the radiator, run the engine a minute or two, and drain again. That's one way.

You'll get a better flush if you do it from the top first and then disconnect the lower radiator hose, insert the end of your garden hose into this exposed opening, cup your hand around the hose and opening to keep the water from running out, and flush the water up through the radiator, letting it roil up out of the top. Then flush engine similarly by squirting the hose into the lower engine opening. Unless you remove the

Begins on page 10

thermostat or use water of 160 degrees or warmer, you won't be able to reverse-flush the water all the way through the engine into the radiator because the thermostat will close. But by repeatedly filling the engine up and letting it drain out the disconnected hose, you'll get rid of a lot of rust and dirt.

Some service shops have a better system of reverse flushing. They use a gimmick that shoots short spurts of compressed air into the radiator while flushing it with water through the disconnected lower hose.

To stop rust. Automobile manufacturers strongly recommend adding a rust preventive to your radiator water when refilling the system spring or fall, or after flushing it. This coats the cooling system, inhibits rust and corrosion. All you do is dump the can of inhibitor into the radiator water.

Stop checking radiator. Incidentally, service-station men grab off your radiator cap to "check your water, sir?" whenever you turn your back. If your car has a pressure cooling system (most late-model cars have) and you are going somewhere *and your engine is already warm but not running too hot*, fight them off with a jack handle.

It's this way. In the radiator cap of a sealed system is a spring that presses the cap's gasket tight against the filler neck, sealing the system like a jar of home-canned peaches or a pressure cooker. As the engine warms up, the water tries to expand and thus builds up a pressure, just as in the cooker. This pressure raises the boiling point of the solution in the radiator, keeps water and antifreeze from evaporating, makes it unnecessary to add water for long periods, so that much less rust and scale form in the cooling system.

But if you remove the cap and release the pressure, it cannot build up again as long as the engine remains hot. Meanwhile, your water can evaporate, your antifreeze boil away.

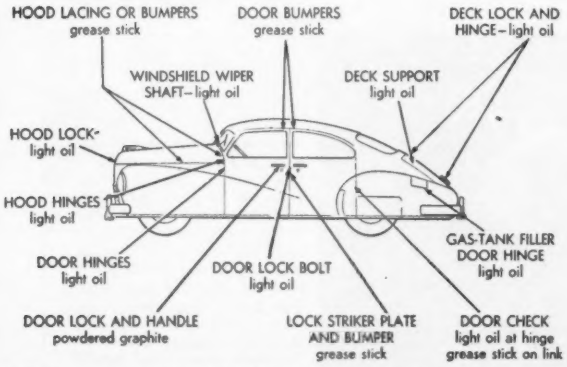
So watch your heat indicator. As long as your engine isn't overheating, the system is working properly; and you can tell the service-station boys to leave the cap alone. Add your water when the engine is cold or you aren't going anywhere.

Body squeaks. Many annoying body squeaks and noises can be stopped with an occasional bit of lubrication. You need only a small can of light oil, a tube of powdered graphite, and one of those sticks of stainless, soaplike grease made for lubricating door locks. These supplies will outlast a couple of cars. Heavy or frequent lubrication is unnecessary. Lubricate only when squeaks develop or when parts are hard to operate. On the hood hinges and lock, on door hinges, on the luggage-deck hinges and the support, and on the windshield-wiper shafts use a drop or two of light oil (see illustration below). On hood lacings, or door lock bolts and door dovetail bumpers, use a thin film lubricant applied with a wipe of the grease stick. On the flat side of the door-lock bolts, use light oil.

How to clean locks. In time, locks gum up with dirt. The keys catch annoyingly and the locks balk. Sometime when you are checking your tires at a service station, squirt a little clear gasoline or naphtha into the lock through the keyhole, using an oilcan. Work your key in and out of the lock a half dozen times to distribute the fluid. After a few minutes blow a couple of shots of compressed air from the station's air hose into the locks to clean out the dirt. Then, to lubricate the lock, insert the nozzle of your tube of powdered graphite into the keyhole and give the tube a couple of squeezes (see illustration). Work the key in and out a few times to distribute the graphite. Wipe off any excess from the key and lock to keep it off your clothes.

Sometimes a key will go into its lock but won't turn. See that it's all the way in, then tap the outside of the lock with the wooden han-

[*Turn to page 241*



Body, too, needs occasional lubrication. Lubricate only when squeaks develop

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▼ **Crisp-Chest.** The moisture-free Tappan Crisp-Chest keeps cereals, crackers, potato chips, condiments, absolutely dry and *fresh.* Special rack for condiments. Be among the first to own a new Tappan with this wonderful feature.

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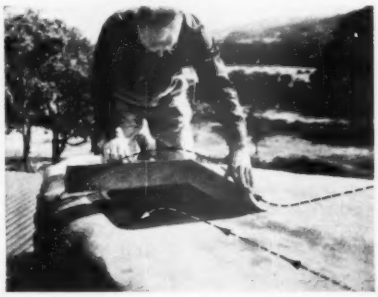
Do you get a quick, clean blaze?

Begins on page 14

If fireplace smokes or puffs after you clean it, you may be building the fire too near front of the opening, instead of against the back. Stubborn smoking sometimes can be checked by blocking off part of opening. Hold a board across top of opening, lower it until smoke draws properly. Then build (or have built) a metal hood or masonry fill-in to that level

Trees deflect wind and make this fireplace smoke. One solution is to top trees. Another is to have a flat cap built on top of the chimney, as sketched. Use a cap also if chimney doesn't clear house ridge

Leaks in mortar joints, rough flue walls can cause smoking. Pick out crumbling mortar; wet cracks; repoint with doughy mortar made of 3 parts sand, 1 part cement, and water. Use hoe to scrape out inside



Wide chimney top creates drag, curls eddies of wind down into flue, and makes fireplace puff back. Cure is to build up modified chimney pot of concrete, like cardboard dummy shown, with four sides curved to top. That will deflect wind before it can eddy down

Loose firebrick in fireplace can become fire hazard. Remove loose bricks, scrape mortar out. Then thin furnace cement with water until it spreads easily, butter it on bricks, and tap bricks into place with mallet. Let the cement dry before building a fire

Keep bed of old ashes in fireplace so fire will burn steadily. Use andirons, bricks, or firebasket to get draft under fuel. Build fire from lightly wadded newspaper to small kindling to small logs backed by a single large log. Stack fuel loosely. A torch of crumpled newspaper held high in the opening can induce draft at first. Opening doors and windows also helps. Then add needed fuel behind large log, to burn against back

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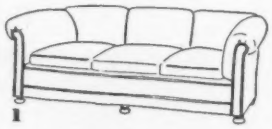
Are you style-wise?

Q. Can you identify these sofa styles by their shapes?



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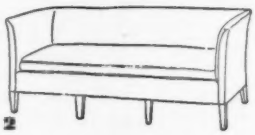

2

A. Both these sofas have arms that are as high as the back. But the way in which they've been upholstered should tell you the styles of the sofas.

1. Chesterfield sofa. First notice that the back is upholstered in three sections. See that the back and arms are overstuffed. (Rolled arms are the rule.) Finally, note how the sofa is upholstered to the floor.

2. Tuxedo sofa. In this style, the back is upholstered as one long piece. Neither the back nor arms are overstuffed—instead they taper delicately. Tuxedo sofa stands on legs not covered by upholstery.

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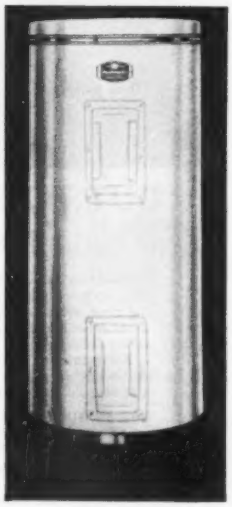

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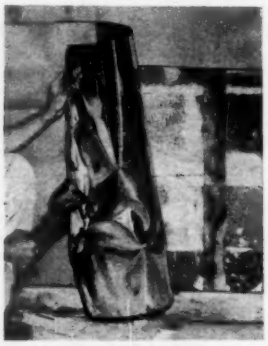
See how to get

This is the fifth in a series of illustrated features showing you how your house should be built

Good construction always saves you money in the long run. Poor workmanship inside your house doesn't cost you as much to correct as do structural faults, but it can be the source of much annoyance.

The following pictures show you how you can finish off the inside of your home so it will give you the greatest attractiveness, comfort, convenience, and enjoyment—and finish the job at the least long-term cost.

Insulation is a good investment anywhere. Here, mineral wool blankets are being laid, waterproof-paper side down, between joists in an attic. Also used in attics or walls are batts (squares of paper-covered insulation) and loose fill, made of mineral wool or other fine insulating substances.



Insulation. Metal foil does a similar insulating job by reflecting heat rays. Reflective foil comes in sheets, shown here being applied over furring strips on a masonry wall. It is very effective for insulating under roofs. You also can buy mineral-wool insulation with a covering of this metal foil.

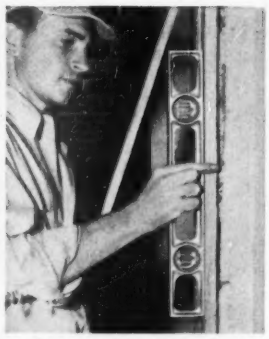
Furring strips. In a frame house, studs provide a good nailing surface for insulating batts or foil, and for lath or plasterboard. In masonry houses, however, furring strips must be nailed into masonry joints with nonrusting "concrete" nails. Furring strips are 1x2 boards spaced 16 inches on centers, onto which insulation is nailed.

Plasterboard. Before you can plaster, you must have a backing to which plaster will adhere. Only wood lath was used a generation ago; now plasterboards, some perforated for better bond, have largely replaced it. Wire mesh is needed at all corners, at junction of ceiling and walls, around windows and doors, and over loose joints.

a better home

By Groff Conklin

Beads. Rigid metal mesh corners, called beads, must be put up at archways, all exterior corners, and other wall edges unprotected by wood trim, where plaster is subject to bumping and other punishment. These beads should be nailed to both sides, as well as to the faces of studs, so they will not slip.



Grounds. Before plaster can be applied, every wall opening that will have a wood frame must have a ground frame of carefully dimensioned boards to serve as a guide for the plaster thickness. This ground acts as a nailing base for doorframe and molding, and must be carefully installed.

Rough plaster. "Brown," or first, coat of plaster is applied directly to plasterboard. A "scratch" first coat is required only where metal lath is used. The final, or white, coat must be applied before the brown coat dries completely.

Finish plaster. The white plaster coat usually is given a smooth finish that can either be papered or painted. Here, a sponge rubber float is used instead of usual metal float to give a sand finish. It can be painted, but not papered.

Dry wall finish. Plywood, fiberboard, gypsum board, pressed pulp sheets, and wood paneling are all forms of dry wall construction. To make walls of composition board look as smooth as plaster, joints between sheets of board are covered with paper of metallic ribbon and a fine, semielastic surfacing compound or Swedish putty.

Wallpaper. Before you put up wallpaper, plaster walls must be sanded smooth and sized. Preparation of the wall is as important as paper hanging itself. Here a corner is being expertly turned so there will be no dust-collecting joint at the corner, and no chance for paper to come loose and sag.

More on next page

Rate yourself on this Home-Owners Quiz

The right answers can mean money in your pocket

Q. How soon does insulation pay for itself?

☐ About 4 years ☐ Never, actually ☐ Depends on price

A. KIMSUL* insulation, installed throughout a new home, cuts yearly fuel bills possibly as much as 44%, and therefore pays for itself within a few years (usually about 4). KIMSUL quickly pays for itself when installed in the attic of an existing home, too, by cutting fuel bills up to 33%.

Q. How does insulation protect your health?

☐ Reduces drafts ☐ Keeps temperatures even ☐ Increases radiant warmth

A. All three answers are correct. The exclusive many-layer stitched design of KIMSUL provides *uniform* insulating efficiency. No wasted thick spots, no thin spots where heat can leak out. That's why KIMSUL makes for even temperatures throughout your whole house. KIMSUL also keeps the inside surfaces of walls, floors and ceilings warmer, thereby contributing to radiant warmth. And with KIMSUL forming a continuous layer of protection against heat loss, drafts are virtually eliminated.

Q. Why should a house be insulated at the time it's built?

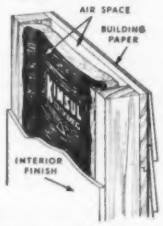
☐ To save work ☐ To assure proper installation ☐ To save money

A. You'll save ⅓ to ⅔ on cost of insulation if you insulate your house at the time it's built. And in the average 6-room house, insulation costs less than a new refrigerator—adds but a few cents to mortgage payments.

Q. How should insulation be installed in walls?

☐ With air space on both sides ☐ With air space on one side ☐ With no air space

A. Builders will tell you the most efficient way to insulate walls is with air space on both sides of the insulation. This reduces heat lag and condensation—one of the many advantages of using KIMSUL insulation. Because of its flexibility, KIMSUL is easily installed around obstructions. And KIMSUL can be used effectively for caulking around door and window frames to stop infiltration of cold air and sound.



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Norge Division, Borg-Warner Corporation, Detroit 26, Michigan.
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SEE NORGE BEFORE YOU BUY

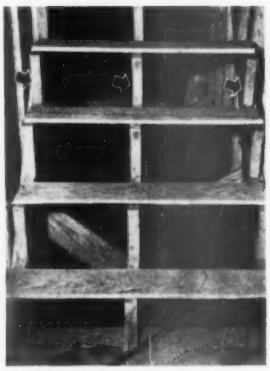
Get a better home

Begins on page 224

Painting. A good quality paint, whether oil-base or water-mixed, is a good investment. Walls must first be sized so finish paint won't penetrate into plaster and leave blotches. Except in kitchen and bath, you'll want flat paints that won't reflect light and glare.

Wood paneling. For walls that will get much abuse, wood paneling is one good answer. Given a good protective surface, it will stand up well without showing damage. Here, tongue-and-groove pine boards are being toenailed horizontally into 1x2 nailing strips.

Tile. For walls in rooms that will be exposed to much moisture, tile is a good finish. You can buy ceramic tile, plastic tile in sheets or individual tiles, aluminum tile, steel tile, structural glass tile, and composition tile in sheets. Each type has its advantages, and what you use depends largely on what you want to pay.



Stair framing. Strong stairway needs three stringers (arrows), one at each side and one in the middle. The two outer stringers should be nailed to each stud, and should be anchored top and bottom with heavier nails toed into floor and ceiling joists or headers. Here, 2x4's that follow angle of stairway separate outer stringers from the studs, to give the carpenters room to use tools in finishing the stairs.

Stair finishing. Risers (1) and treads (2) should be of top-grade hardwood, usually oak, to withstand wear. A molding strip (3) must always be nailed at top of each riser to close joints between boards. Always have a balustrade with an open stairway. Here a tread is being notched for insertion of a newel post which forms bottom anchor for any balustrade.

More on page 228

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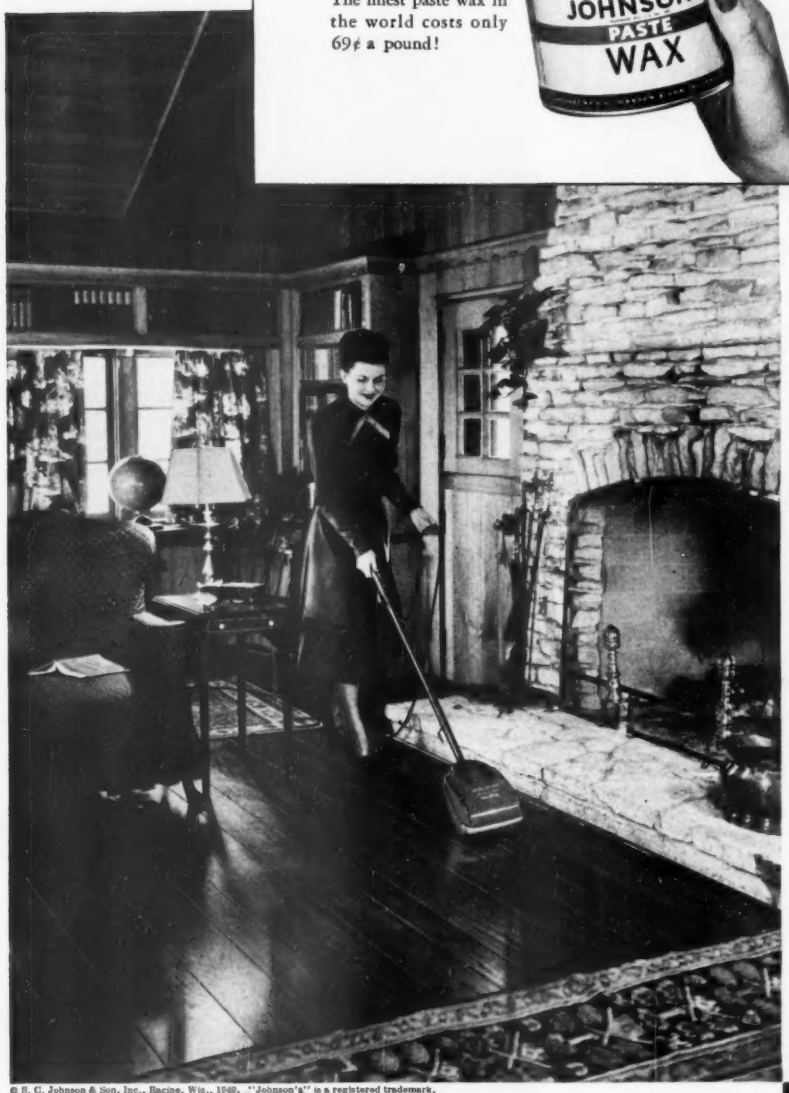
Just buy this...
The finest paste wax in the world costs only 69¢ a pound!

And rent this...
Wherever you live, you can rent an electric polisher for only a dollar a day. Featured by 50,000 dealers!



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Your grandmother probably knew it well. Your mother too.

They relied on a special kind of wax called Johnson's Paste Wax.

For three generations homemakers have been convinced that no other polish can do what Johnson's Paste Wax does. They were so certain of this they were willing to spend long hours hand-buffing this genuine wax to a rich luster.

And now... without hard work and in only a fraction of the time... you can use the same unsurpassed polish to get the same unsurpassed results!

Now you can rent a Johnson's Wax Beautiflor Electric Polisher from a wax dealer in your neighborhood for as little as a dollar a day... or buy one for only $44.50. Its whirling motor-driven brush will quickly give all your floors a perfect wax sheen.

A single waxing with Johnson's Paste Wax will keep floors shining with picture-book beauty for many months. And once polished, a dry mop whisks dust away in a twinkling. Scuffing feet can't mar the finish. Dirt and water can't penetrate the hard protective film. Floors never need costly refinishing.

Johnson's Paste Wax does more for varnished wood and linoleum floors than any other wax you can buy. No other beauty treatment costs so little... adds so much.

Don't be satisfied with a makeshift shine. Do your floors up bright with Johnson's Paste Wax ... and save hours of work by using a Johnson's Wax Beautiflor Electric Polisher.

© S. C. Johnson & Son, Inc., Racine, Wis., 1949. "Johnson's" is a registered trademark.

If your floors need cleaning, too

For "heavy traffic" floor areas that are soiled with ground-in dirt, Johnson's Liquid Cleaning and Polishing Wax is recommended. A magic dry-cleaning ingredient in Johnson's Liquid Wax prepares any floor for a lustrous polish. As you apply the wax, it removes all dirt. Then all you do is polish to a clean, clear, long-wearing shine.

Laugh with Fibber McGee and Molly every Tuesday evening—NBC

For Indoor Sunshine all Winter Long...

B & G *Hydro-Flo* Heating

with concealed radiant panels

The same sunny warmth so enjoyable on the beach can now be built into your home. B & G *Hydro-Flo* Radiant Panel Heating offers an utterly new kind of comfort . . . unbelievable cleanliness . . . and new decorative freedom.

Hydro-Flo Radiant Panel Heating is *hidden heating!* Radiant panels concealed in the floor or ceiling spread a blanket of cheerful warmth, smoothly and automatically modulated to meet every change in the weather. That's why B & G *Hydro-Flo* Radiant Panel Heating is so economical—*just enough* fuel is burned and no more!

Plus all the hot water you can use!

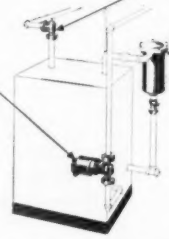
Modern living revolves around the hot water faucet. You need plenty for automatic washers and showers . . . and B & G *Hydro-Flo* Heating provides it the low cost way, every month of the year.

Ideal for modernizing old hot water systems

The same equipment used for B & G *Hydro-Flo* Radiant Panel Heating can be used to greatly improve comfort and cut fuel expense in homes now heated with radiators or convectors. Ask your heating contractor.

B & G FLO-CONTROL VALVE

This Valve helps keep home temperature constant and permits year 'round operation of the B & G Water Heater.



B & G BOOSTER

This is the heart of a B & G *Hydro-Flo* Radiant Heating System—an electrically operated pump which circulates hot water through the radiant pipe coils. The Booster is automatically controlled to deliver heat instantly when needed and to shut off the supply when the need for heat is satisfied.

B & G WATER HEATER

A great convenience and a money-saver! Provides a means of using the house heating boiler to heat the domestic water at amazingly low cost—Winter, Summer, Fall and Spring.

BELL & GOSSETT *Company*

Dept. BE-26, Morton Grove, Ill.

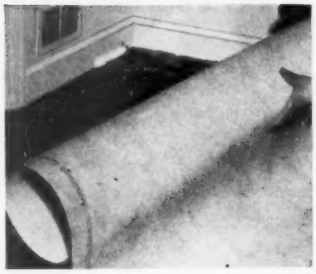
Send your free booklet, "Capture the Sun with B & G *Hydro-Flo* Heating."

Name .....

Address .....

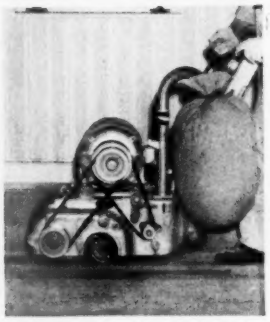
City ..... *Zone* ..... *State* ..... *REG. U. S. PAT. OFF.

Get a better home



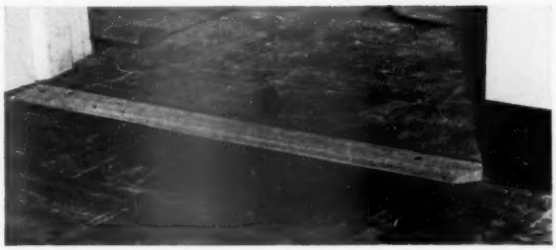
Linoleum. Where a smooth, stainproof floor surface is needed, you have a choice of linoleum, asphalt tile, or rubber tile. In each case mastic is spread over the subflooring to cement down finish floor. Here a large piece of linoleum is being laid, precut to fit the shape of the room. Many patterns and colors are available.

Standard hardwood flooring—oak, beech, birch, or maple—is laid in long strips at least 25/32 of an inch thick. Building paper (arrow) must be laid over subfloor to keep out dust. Best flooring is tongue-and-groove. Strips of flooring are driven together, then toenailed into the subfloor.



Floor finishing. A good finish, well maintained, will add years to the life of a hardwood floor. First scrape (as shown) to remove any unevenness. Next sand to a mirror smoothness, then apply a wood filler over which goes penetrating finish or varnish. Final step is waxing to a high polish.

Prefinished flooring. You can buy hardwood flooring already finished. After it's laid, it needs only waxing and cleaning. Here, prefinished parquet flooring is being set in mastic over a concrete slab. Prefinished strip flooring is also available for regular installation over subfloor. Either type speeds the job.



Joint between floors. Where hardwood meets a different material, such as asphalt tile in the picture above, there is usually a difference in level of about ¾ of an inch. This is covered by a hardwood saddle (arrow), screwed into the subfloor over the thinner floor material, in this case tile. Screws are more practical than nails here.

Continued from page 226

Baseboard. Where plaster wall ends, and finished floor will begin, a 4- to 6-inch strip of plain, knot-free board always is nailed to cover the joint. This board is nailed to studs rather than to flooring, so if flooring should shrink, it won't pull baseboard away from wall.

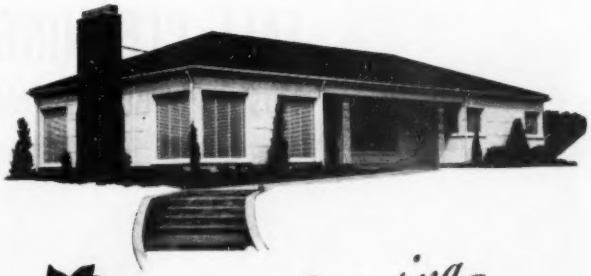
Shoe mold. After the floor is laid and filled, but before it is finished, a strip of quarter-round molding should be placed flush against the baseboard and—unlike baseboard—nailed into floor. Proper application of shoe mold will make a joint that always will be neat.

Door and window trim. Dry, good quality wood should be used for door trim to prevent unsightly gaps between the trim and the plaster, and the consequent possibility of mice, roaches, and ants getting in through the gaps. Nails that are used to fasten the trim into the frame should be driven deep into the wood with a countersink or nail set, and the resulting holes should be filled with putty or wood filler before painting.

Fitting doors. Because of the moisture from drying plaster present in a house, doors sometimes swell and stick. More often, though, the cause of sticking is bad door fitting. Edges should be planed and replaned until the door fits the frame with just enough tolerance (normally about 3/32 of an inch) to allow clear opening and shutting. For a little more money you can buy doors that come already hung in their frames.

Door hardware. Operation of door and window hardware is as good as its fit. The space for a door latch and lock must be mortised out with great care, as must the hole drilled for a tubular lock, so that the lock will fit snugly and not wobble in its housing when it is used.

More on next page



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Choose a PLYWOOD Exterior

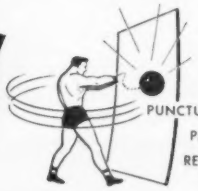
YOUR HOME with plywood siding has a youthful *modern* air. Select almost any architectural treatment . . . wide siding, lap siding, board and batten, flush surface. Big, construction-speeding plywood panels give you the touch of charm you like—plus beauty that *endures*. Ask your architect or builder about plywood's advantages for every building and remodeling job . . . for sheathing, subflooring, interior paneling, cabinets, built-in furniture. Inside or out, you'll build faster, stronger, better, with Douglas fir plywood.

Is Cabinet Space Your Crying Need? Then Plywood is a Friend Indeed!

Needed cabinets are easy to build, easy to finish, with split-proof, kick-proof plywood panels. All you need are ordinary, every-day tools. Your lumber dealer features the type, size and thickness of this "modern miracle wood" for every around-the-house job. See him today!

Prices Sharply Reduced!
—and now, every lumber dealer has it again

Douglas Fir Plywood



PUNCTURE-PROOF PANELS OF REAL WOOD

Large, Light, Strong Panels — America's Busiest Building Material

SEND FOR THIS FOLDER — TODAY! *IT'S FREE!*

Douglas Fir Plywood Association
302 Tacoma Bldg., Tacoma 2, Wash.

Please send me your free folder which tells how to make my home more attractive and durable with Douglas fir plywood exterior siding.

Name_____

Address_____

City_____ Zone_____ State_____

THIS MONTH

FALL CLEANING
Must Fight Germ Threat

MRS. FRANCIS BARR and son Gregory in their attractive Dallas, Texas home. Mr. Barr, executive for a theater chain, is active in Dallas civic enterprises.

Alert Mother Uses Potent Anti-Germ Weapon

"TO GUARD AGAINST GERMS in house dust, I use 'Lysol' brand disinfectant when cleaning our bathroom and kitchen, the children's room, and all our floors." That's smart Mrs. Barr's *daily rule* for fighting infection and thus helping to guard her family's health.

"AND RIGHT NOW fall cleaning calls for extra vigilance, with germicidal 'Lysol' on every cleaning job all through our house. That includes all cracks and corners where disease germs may have gathered, along with dust. I just add 2½ tablespoons of potent, dependable 'Lysol' to each gallon of water."

"QUICK, EFFECTIVE, potent 'Lysol' always goes in the cleaning water . . . when I wash our woodwork, walls, closets, cabinets and shelves! I depend on it daily for *hygienic* cleanliness to help protect all my family."

GUARDING MILLIONS against disease germs in healthy, happy homes, easy-to-use "Lysol" is highly concentrated. Quick, powerful in germicidal action and wonderfully economical to use!

GUARD YOUR HOME, as you clean house this fall, against germ infection found in house dust! Like Mrs. Barr, use powerful "Lysol" brand disinfectant in your fight against disease germs!

See how to get a better home

Continued from preceding page

Kitchen cabinets. Beautifully engineered and finished prefabricated cabinets of enameled wood or metal are available at a price that makes on-the-job-built cabinets almost uneconomical. In planning your cabinets and height of counter top, consider the height of the homemaker who must reach into them. Often-used cabinets should be within arm's reach.

Exhaust fans. A properly placed exhaust fan will not only carry off kitchen odors, but will help keep the kitchen cool in summer. Some types of prefabricated cabinets come with built-in fans which can be placed over your range, as shown in the picture above.

Exhaust fans. If your house is laid out so the fan can exhaust directly outdoors through the kitchen wall, you can set a separate unit into that wall at the most advantageous point. Place your fan so a window or a door will provide an air current moving across the top of your kitchen stove.

Yes! I JUST FIXED MY FURNACE

REAL CONVENIENCE AND HEATING COMFORT WITH NU-WAY OIL BURNERS

You can be dressed in your dressiest-best to "fix the furnace" when you convert to a Nu-Way Oil Burner! No work . . . no mess . . . no trouble . . . just a flick of the finger sets the thermostat at the desired temperature . . . your Nu-Way Oil Burner does the rest quietly and economically. Patented Air Control assures maximum heating efficiency. Patented Shielded Nozzle holds fuel consumption at low level all seasons. Sold through your local heating contractor!

THE NU-WAY CORPORATION
ROCK ISLAND, ILLINOIS

"Automatic Oil Heat Exclusively Since 1921"

"SAVE IT AND FIX IT"

REPAIRS

CHINA, TOYS, FURNITURE, BOOKS AND LUGGAGE

It's transparent, waterproof, flexible and durable. Get a tube today.

DU PONT

DUCO CEMENT

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Need a Chimney?

You Yourself Can install it . . .
The VAN-PACKER Packaged Chimney

SAFER . . . Underwriters and FHA accepted, any fuel. **ECONOMICAL** save 50% over brick. **ENTIRE CHIMNEY SHIPPED COMPLETE** (convenient 2 ft. sections: base, housing, roof flashing, chimney cap). Nothing else to buy. **PERMANENT** . . . a lifetime chimney. **MORE DRAFT** . . . less soot, better heat.

Write for **Free Booklet**

Van-Packer Corp., 137 So. La Salle Street, Chicago 3

Your dog and mine

By Russell K. Lowry

We have an 8-weeks-old pure-bred Springer Spaniel. What can we do to keep him from getting distemper?—R. C. H., Virginia.

Have a veterinarian give your dog an antidistemper inoculation when the dog is 3 months old, and another a year later. Also feed your dog good, nutritious food. Well-nourished dogs either escape distemper entirely or are able to survive even the worst onslaughts of the disease.

My husband and I are both away from home from 8 to 5. Is this too long to leave our 3-year-old Cocker alone?—Mrs. K. H. B., Washington.

Many dogs can get along all right for long hours in their masters' absence. But nine hours is too long for urine restraint. It could easily bring on serious bladder trouble. Why not ask a neighborhood youngster to air your dog on a leash 10 minutes each noon, on the way home for lunch? You can pay a small weekly fee for the service.

Our dog is 15 years old. How old is that in terms of human age?—W. C. B., Missouri.

At one to seven, which is the ratio of a dog's years in comparison to a human's, it can be said your dog is 105 years old. Congratulations on your good care!

My little dog has developed a lump on his stomach and one on his side, half as big as an egg. Are they dangerous?—Mrs. R. E. P., Canada.

The lumps are probably tumors. There are many kinds, falling in two general groups, malignant and nonmalignant. Nonmalignant tumors are usually harmless, but often grow large and make your dog uncomfortable. Malignant tumors are troublemakers. Best authorities say all tumors should be surgically removed.

Our dog jumps up on the bed, before we wake up. How can we cure this habit?—Mrs. B. K., Ohio.

Try to wake up early a few mornings, have a folded newspaper handy—and be watchful. When the dog jumps up, let him have a sound whack across the rump, along with a good scolding. The newspaper will make a terrifying noise, but won't hurt. No dog in his right mind is going to need more than three or four such lessons.

Do females of different breeds have seasons at different intervals? My female Pointer is now 18 months old and has so far failed to mature for breeding purposes. Could there be something wrong with her?—H. E. M., Oregon.

Time between seasons may vary

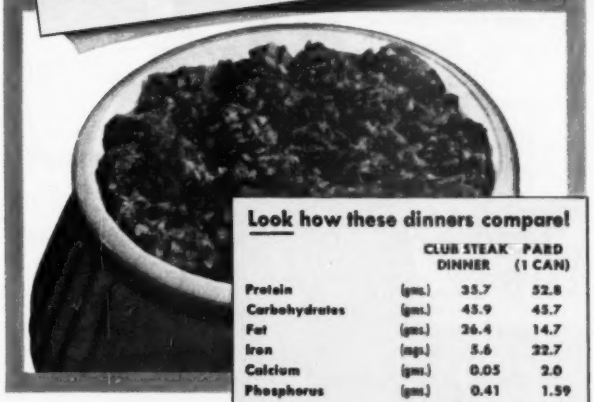
[*Turn to next page*

▶ Have you a problem in dog feeding, care, training, disease prevention? Address your questions to Russell K. Lowry, "Your Dog and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

Dogs, like people, need shots to protect them from the preventable diseases

LUCKY DOG!

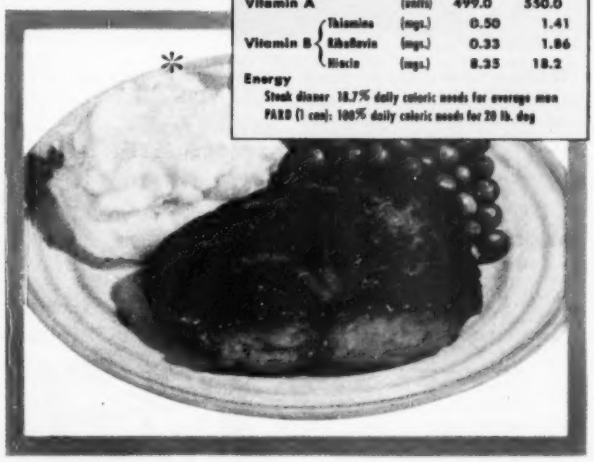
...gets as much nourishment in PARD... as you get in a dinner* costing $1.00 or more!



Look how these dinners compare!

		CLUB STEAK DINNER	PARD (1 CAN)
Protein	(gms.)	35.7	52.8
Carbohydrates	(gms.)	45.9	45.7
Fat	(gms.)	26.4	14.7
Iron	(mgs.)	5.6	22.7
Calcium	(gms.)	0.05	2.0
Phosphorus	(gms.)	0.41	1.59
Vitamin A	(units)	499.0	550.0
Vitamin B – Thiamine	(mgs.)	0.50	1.41
Vitamin B – Riboflavin	(mgs.)	0.33	1.86
Vitamin B – Niacin	(mgs.)	8.35	18.2
Energy			

Steak dinner 18.7% daily caloric needs for average man
PARD (1 can): 100% daily caloric needs for 20 lb. dog



No additional meat—nothing more—is ever needed! Surprising, isn't it, how PARD provides even *more* nourishment, and is better balanced, than that tasty steak dinner?

It's true. PARD, the one-dish-dinner is completely nourishing—and made from ingredients as pure and wholesome as those you serve your family. When you feed PARD no additional meat is ever needed. Your dog requires nothing more . . . he can get nothing better.

Pard is made by Swift & Company

"COMPLETE DINNER"

—all the vitamins, minerals, proteins and fats dogs need in

GRO-PUP

RIBBON

TREAT *your dog to the food that supplies every need for health and vitality. It's "complete dinner" Gro-Pup! No matter what his age, size or breed, your dog needs no other food when you feed this crisp, tasty dinner.*

NATURALLY SAVORY because the proteins in Gro-Pup Ribbon come from beef, as well as from milk, fish and soya!

SAVINGS, TOO! Feeding Gro-Pup Ribbon to a family pet like the Cocker costs about 9¢ a day. You save up to 40% over most canned dog foods. Start your dog on Gro-Pup's tasty, nourishing "complete dinner" today.

Your dog and mine

Begins on preceding page

a great deal within any breed. And large breeds sometimes mature slowly. For instance, one of my best and most productive Irish Setters waited till she was 25 months old before she had her first season. The second one came 5 months later; the third one 14 months after that.

Our veterinarian says we should not fry our dog's food, but my husband insists meat can be served in any fashion.—Mrs. L. B. H., Alabama.

Best authorities on dog nutrition turn thumbs down on fried foods. They say it causes digestive troubles, constipation, gas, etc. *Boiled* or *roasted* is the universal recommendation, with accent on only slight cooking of meats. Excessive heat destroys Vitamin B.

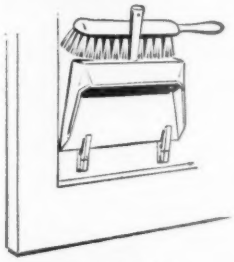
We bought a puppy whose navel protruded a half inch. The man told us this would subside to normal in a few months. Now, six months later, it's still the same. Is this anything to worry about?—F. D., Maryland.

The protruding navel should not cause trouble. Apparently the pup's mother pulled on the cord too hard at the time of birth. That's why it's best for you to officiate with sharp scissors at whelping time, cutting the cord of each puppy 2 inches from its navel and tying what's left in a tiny knot. In 24 hours, this excess dries up and drops off, leaving the pup's navel clean, undisturbed, and normal.

If we keep our Retriever outdoors, will she still be a loving, friendly pal to our son? Or is it necessary to make her a house dog to bring out this loyalty?—Mrs. M. L. G., Oregon.

It is not necessary to keep a dog in the house to develop loyalty and love. If her outside quarters are weather-tight and furnished with a deep bed of straw, a Retriever can withstand rigorous winter weather in your climate. But don't isolate your dog 24 hours a day. Give her some benefit of human contacts and companionship.

The handy man

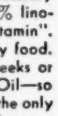


Dustpan holder

Two clothespins, the bottoms screwed into a closet door, act as a fine holder for dustpan and brush. —*Frank J. Tuccillo, Brooklyn.*

ITCH! SCRATCH! *Stop It!*

Treat faulty diet—the real cause of much itching, sore skin, loss of coat. Canned, dried and heated foods often lose valuable "fresh" factors necessary to skin health. Rex Oil is 60% linoleic fat—the essential "skin vitamin". Add half teaspoonful to daily food. See real improvement in 3 weeks or money back. Insist on Rex Oil—so pure you can take it yourself—the only wheat germ oil that cannot become rancid. Two months' supply $1.00 at drug and pet stores. Rex Oil, Monticello, Illinois.



Rex Wheat Germ Oil

"No Trespassing" says CHAPERONE

KEEPS your dog off furniture, rugs, anything you want to protect. Harmless. Easy way to train any dog. Just shake on a little Powder Chaperone—you don't smell it; dogs do and stay away. Will not injure even finest fabrics. Use on slippers, drapes, etc., to avoid puppy damage.

SEND NO MONEY— Order C.O.D. $1 plus postage (or enclose a dollar bill at our risk, and we'll pay postage). For outdoors, protect shrubs, gardens, etc. Spray with **Liquid Chaperone**, also $1.

SUDBURY LABORATORY
Box 996, South Sudbury, Mass.
Dealers Write for Special Offer

MICE IN YOUR HOME? 25¢

Kill mice the clean, easy way. *Mouse Seed*® consists of tiny, chemically treated grain, the kernels of which mice eat—then they die. Just put in saucer and place where mice appear. No baits, traps, muss. Excellent results for over 50 years. Insist on *Mouse Seed*®—made only by Reardon. At drug and other dealers. If dealer hasn't it, he can get it from wholesaler or we will ship you 4 packages, prepaid, upon receipt of $1.00. W. G. Reardon Laboratories, Inc., 23 Mill St., Port Chester, N. Y.
®Reg. U. S. Pat. Off.

RID YOUR DOG OF WORMS *Use* **PARKE-DAVIS NEMA WORM CAPSULES** *dependable*

FREE! Send for illustrated, helpful worm booklet.

PARKE, DAVIS & CO.
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DRUG STORES SELL PARKE-DAVIS PRODUCTS

Sell ARROW Personalized Christmas Cards **BIG PROFITS** Easily made. Also New smartly styled line of 20 different box assortments. Plastic, Religious scripture text. Catholic cards — De Luxe wrappings, stationery. All popular sellers. A real money-making line. Write for samples today.
50 for $1 WITH NAME FREE SAMPLES
ARROW PRESS, 511K 4th Ave. S., Minneapolis, Minnesota

Eversharp Empress Trio includes:

7-inch dressmakers' shears, for cutting out garments and general use;

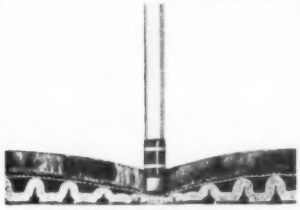
5-inch ladies' all-purpose scissors for all sewing, mending, darning;

3½-inch needle point embroidery scissors for intricate cutting work.

Prices slightly higher Denver and West

The ACME SHEAR CO., Bridgeport 1, Conn

World's Largest Manufacturer of Scissors and Shears



Luxurious

NEW RUG "LIFE"!

NEW cushiony walking on air-cells. **NEW** resilience, absorbs rug wear. **NEW** longer life—won't mat. **NEW** non-skid safety. **NEW** cleanliness—won't mark floors. Easy to clean. Dust-free, non-allergic, moth-proof.

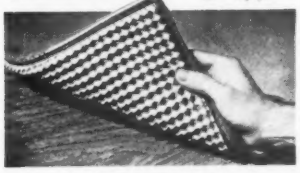
Air Filled Sponge Rubber

Cuts to exact rug size

AT FURNITURE AND DEPARTMENT STORES

US RUG UNDERLAY

2.95 sq. yd.



Also ask to see U. S. Non-Slip that anchors skiddy rugs flat and neat. Inexpensive by the yard.

UNITED STATES RUBBER COMPANY

Oven meals

Begins on page 64

Dinner in hiding

Oven: 350°. Time: 1 hour. Meat patties have a rich, tangy barbecue sauce. They and the onions and potatoes bake exactly the same time. If yams are large, cook them in boiling water 10 minutes before you put them in the oven. Cut big round buns in half; brush with butter or fortified margarine and place in oven when you take out cottage pudding. Toss green salad in bowl; slice oranges and prepare Orange Sauce while dinner bakes.

Barbecue Squares

1½ pounds ground beef	2 tablespoons finely chopped onion
1 teaspoon salt	1 beaten egg
¼ teaspoon pepper	1 cup milk
1 teaspoon celery salt	1 cup soft bread crumbs

Combine ingredients and mix well. Shape in 1-inch-thick patties and place in 8-inch square shallow baking dish. Place a slice of onion on each patty. Pour over **Hot Sauce:** Cook ½ cup chopped onion in hot fat until golden. Add 1 6-ounce can (⅔ cup) tomato paste, 1 clove garlic, chopped, 1 tablespoon chopped green pepper, 1 tablespoon sugar, 1 teaspoon salt, ⅛ teaspoon pepper, 2 teaspoons Tabasco sauce, 1 tablespoon Worchestershire sauce, 1½ tablespoons chili powder, ¼ cup lemon juice, and 1 cup water. Heat to boiling. Simmer 15 minutes. Pour over meat. Bake in moderate oven (350°) 1 hour. Baste frequently. Serves 6 to 8.

Scalloped Onions With Cheese Sauce

5 or 6 medium onions	2 cups milk
¼ cup butter or fortified margarine	½ teaspoon salt
¼ cup enriched flour	2 cups grated American cheese

Slice onions in thin slices into 1½-quart casserole. Melt butter; add flour and blend. Add milk and cook over low heat until thick, stirring constantly. Add salt and cheese; stir until cheese melts. Pour sauce over onions. Bake in moderate oven (350°) 1 hour.

Cottage Pudding With Orange Sauce

3 tablespoons shortening	½ teaspoon salt
1 cup sugar	2 teaspoons baking powder
½ teaspoon vanilla	1 cup milk
2 cups cake flour	3 or 4 oranges, sectioned

Thoroughly cream shortening, sugar, and vanilla. Add sifted dry ingredients alternately with milk. Beat smooth. Pour into greased 6x10-inch cake pan. Bake in moderate oven (350°) 40 minutes. Cut in squares. Split and fill with orange sections. Serve hot with **Orange Sauce:** Mix ¾ cup sugar, 2 tablespoons cornstarch, and ¼ teaspoon salt. Add 1 cup orange juice. Cook until thick and clear, stirring constantly. Add 2 teaspoons grated orange peel; blend. Makes 1¼ cups.

[*Turn to next page*

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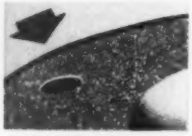

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Name.....

Address.....

.....

Oven meals

Continued from preceding page

Big feast: little fuss

Oven: 350°. Time: 1 hour. Ham cups, potatoes, green beans, and dessert go into oven together. Empty package of frozen green beans into covered baking dish. Season before serving. Remove gingerbread after 35 minutes.

Scalloped Potatoes

- 6 medium potatoes
- 3 tablespoons butter or fortified margarine
- 2 tablespoons enriched flour
- 3 cups milk
- 2½ teaspoons salt
- ¼ teaspoon pepper
- 2 tablespoons chopped onion

Pare potatoes; slice thin. Melt butter; add flour; blend. Gradually add milk; cook until smooth and thickened. Add remaining ingredients and potatoes. Cover. Simmer 7 minutes. Pour into greased baking dish. Bake uncovered in moderate oven (350°) about 1 hour. Serves 6.

Ham Cups With Fruit Cocktail Sauce

- 1 pound ground smoked ham
- ½ pound ground pork
- 1½ cups soft, fine bread crumbs
- 1 well-beaten egg
- ½ teaspoon dry mustard
- ¼ cup brown sugar
- 1 teaspoon prepared mustard

Combine ham, pork, bread crumbs, egg, and ½ teaspoon dry mustard; mix well. Fill medium-sized muffin pans. Round tops meat-loaf fashion. Combine brown sugar and 1 teaspoon prepared mustard. Spread over tops of cups. Bake in moderate oven (350°) 45 minutes. Serve with hot Fruit Sauce. Serves 6. **Fruit Sauce:** Drain 1 No. 2 can (2½ cups) fruit cocktail; reserve liquid; add 1 tablespoon cornstarch and 1 tablespoon lemon juice to liquid and blend. Cook over low heat until thickened. Add drained fruit and heat thoroughly.

Peek performance

Oven: 350°. Time: 1 hour. The whole meal in one dish—meat balls, potatoes, carrots, and onions bake in a rich tomato sauce. The meat and pudding go into oven together. Buttered Vienna loaf goes into oven as dessert comes out. You'll have oven room to spare with this meal. So slide in tomorrow's dessert, too, if you like.

Meat-Ball Oven Dinner

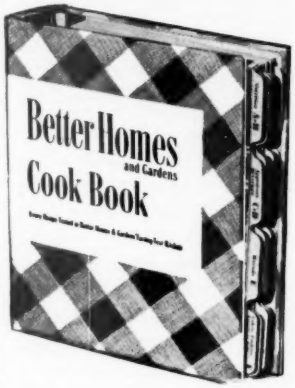
- 1 pound ground beef
- 2 tablespoons chopped onion
- 2 tablespoons chopped green pepper
- ¼ cup corn meal
- 1 teaspoon salt
- ⅛ teaspoon pepper
- 1½ teaspoons dry mustard
- 1 teaspoon chili powder
- ¼ cup irradiated evaporated milk
- ¼ cup water
- 1 slightly beaten egg
- ¼ cup enriched flour
- 2 tablespoons shortening
- 2 8-ounce cans tomato sauce
- 3 medium potatoes, quartered
- 6 carrots, cut in half
- 12 to 18 small onions

Combine meat, onion, green pepper, corn meal, seasonings,

YOU'LL FIND

grand ideas

FOR HOLIDAY MEALS



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milk, water, and egg; mix thoroughly and form into 12 balls. Roll in flour; brown in hot fat. Place meat balls in casserole. Add tomato sauce to fat in skillet; heat to boiling; pour over meat balls. Arrange potatoes, carrots, and onions around meat balls. Cover and bake in moderate oven (350°) 1 hour. Serves 6.

Baked Chocolate Pudding

1 square unsweetened chocolate, melted
2 tablespoons melted butter or fortified margarine
¾ cup sugar
¼ teaspoon salt
1 teaspoon vanilla
1 cup enriched flour
2 teaspoons baking powder
½ cup milk
½ cup chopped California walnuts

Combine chocolate, butter, sugar, salt, and vanilla in saucepan in which chocolate was melted. Add sifted dry ingredients alternately with milk. Stir in walnuts. Pour into 8-inch round greased pan and top with ½ cup granulated sugar, ½ cup brown sugar, 4 tablespoons cocoa mixed. Pour over 1 cup water. Bake in moderate oven (350°) 40 minutes. Serve with plain or whipped cream while still warm.

Cooking without looking

Oven: 350°. Time: 1 hour. Squash goes into oven first. After 15 minutes, slip in the beans and baked apples. Increase oven temperature to 400° after dinner bakes 40 minutes and add the muffins. They bake in 20 minutes. Everything comes out at the same time.

Acorn Squash With Sausage Balls

Wash acorn squash; cut in half crosswise for scalloped effect. Bake cut side down in moderate oven (350°) 30 minutes. Brown little sausage balls. If necessary, pour off excess fat. Turn squash; fill centers with sausage balls. Continue baking 30 minutes, or until tender.

Savory Baked Beans

1 16- to 18-ounce can pork and beans
2 tablespoons brown sugar
¼ teaspoon dry mustard
¼ cup catsup
2 slices bacon, cut in 1-inch pieces

Combine ingredients. Bake covered in greased casserole in moderate oven (350°) 20 minutes. Uncover; top with onion slices and continue baking at 400° 20 minutes. Serves 4.

Bran-Raisin Muffins

1 cup All-Bran
¾ cup milk
1 well-beaten egg
2 tablespoons salad oil or melted shortening
1 cup enriched flour
½ teaspoon salt
3 teaspoons baking powder
¼ cup sugar
½ cup chopped California walnuts
⅓ cup raisins

Combine bran, milk, and egg; let stand 5 minutes; add salad oil. Add sifted dry ingredients to bran mixture. Stir until dry ingredients are moistened. On last 4 or 5 stirs, add nut meats and raisins. Fill greased muffin pans two-thirds full. Bake in hot oven (400°) 20 minutes. Makes 9 big muffins.

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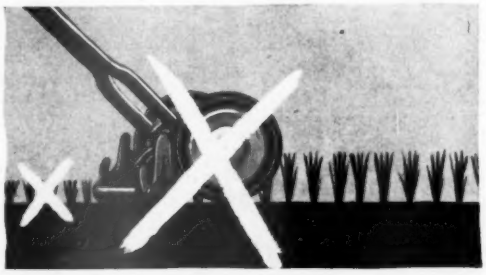
For a greener spring,

By Andrew Mack

Your lawn, like the rest of your garden, suffers when it goes into winter in poor condition. Give it help now, and you'll have a better lawn in spring.

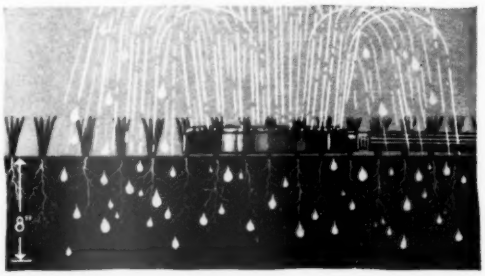
The best season for fall feeding and seeding is past, but you can still take a chance if you live where autumn is

Let your grass grow a little . . . . . .

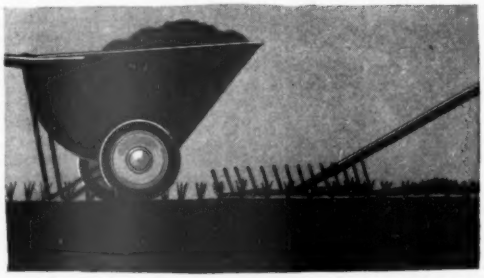


Keep your lawn free from leaves . . . . . .

Water before freeze-up . . . . . .



Top-dress your lawn . . . . . .



put your lawn to bed

usually long and mild. Even if an early freeze prevents grass plants from using the plant food, most if it will still be ready and available in spring.

Below you'll find four other important ways to help your lawn through the winter.

. . . . . During the spring and summer, the best mowing height for grass is between 1½ and 2 inches. But your lawn, like an animal, likes a heavier covering in winter. Put your lawn mower away when the nights become frosty. The grass will still continue to grow very slowly for several weeks, and will go into winter about 3 inches long. The extra length helps grass plants store up food, and also acts as a mulch, protecting the roots against sudden temperature changes. On the other hand, don't stop mowing too early in the season. Grass too long will fall over and mat down, with danger of smothering the roots and killing the grass. It is also difficult to cut when spring comes.

. . . . . You can ruin a good lawn by letting leaves stay on it over the winter. When drifts of leaves become water-soaked, they mat down in layers which shut out air and smother grass almost as effectively as a board laid down on your lawn.

Remove leaves when they are still dry, if possible, and use a broom rake in order not to scratch up the valuable mulch of grass clippings which protects roots. Incidentally, it's a waste of money to burn leaves. Put them in a compost pile, and use them on your lawn or garden when they have rotted down into leaf-mold. Your soil needs humus, and a compost pile is the cheapest way to get it.

. . . . . Like most other plants, grass suffers if it goes into the winter with too little moisture. Autumn drouth weakens grass plants and increases danger of winter damage, especially in years of little snow.

Ordinarily, autumn rains will take care of the watering problem better than you can. But if the ground is dry at frost time, get out your hose and soak down the lawn thoroughly. Not just a sprinkling, but a real, slow drenching which will let water soak down several inches. Take several days, if necessary, to do a good job. If warm, dry weather hangs on late, water again. The important thing is to have plenty of soil moisture when the ground freezes.

. . . . . Top-dressing on your lawn has the same effect as a mulch on your roses; it gives protection which cuts down the bad effects of alternate freezing and thawing. It also helps to improve your soil by adding humus. Use fine peatmoss, compost, or other humus; but be certain it is finely pulverized. Spread it over your lawn about half an inch deep, using the back of your rake. Work the rake back and forth so that all top-dressing is knocked from the grass blades and filters down to the ground. This job, however, can safely be left till next month. In fact, it might be better to wait because there are fewer other garden chores demanding your time in November.

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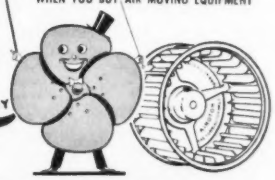

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Begins on page 37

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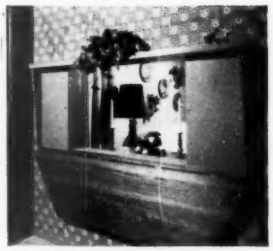
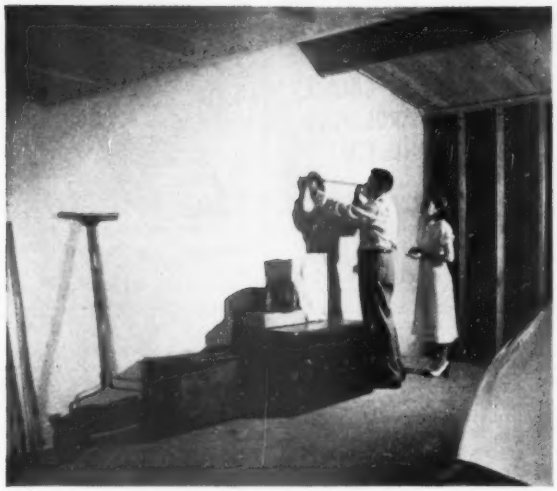


Snack table on kitchen side of pass-through is hinged, drops out of way when not in use. Projecting trim acts as shelf for plants and condiments

For variety and a sense of space, one wall of the front bedroom is papered. Same pattern on twin chests makes them part of wall. Wallpaper cut in the shape of a headboard makes an inexpensive substitute for one. Note lack of trim around windows, a big item in cost-saving

in this Five Star home



Future expansion takes place here in the garage, where one wall is already plastered and ceiling is beamed to match completed rooms. There's a ready-cut door back of the plaster where the man is measuring. Break through door, and you have 360 square feet more area to live in

Another of the convertible features of the house is this two-and-a-half-foot-square linen closet. Simply by removing this closet and storing your towels on open shelves, you can convert this space into a stall shower

In warm climates, small closet off the hallway is for brooms. In cool climates, this closet will take a stack heater. In cold climates, this closet is again for brooms; larger heater will fit easily over the hall in the attic

Continued on next page

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Richmond—Miller & Rhoads
Rochester, New York—McCurdy's
Sacramento—Breuner's
San Diego—V. J. Lloyd, Inc.
San Francisco—Macy's
St. Louis—Stix, Baer & Fuller
St. Paul—The Golden Rule
Silver Spring—The Hecht Co.
South Bend—Robertson Bros.
Spokane—The Bon Marche
Springfield, Massachusetts—Forbes & Wallace
Springfield, Missouri—Heer's, Inc.
Stockton, California—Breuner's
Tampa—Maas Brothers
Texarkana—City Furniture Co.
Tulsa—Dickason-Goodman
Wheeling—Stone & Thomas
Worcester—Sawyer's
York—P. Wiest's Sons
Youngstown—The Strouss-Hirshberg Co.

Models of *Better Homes & Gardens* Five Star homes 1609, 1610, 1611, 1701, 1702, and 1703 will be shown at City Furniture Co., Texarkana, in October.

Plans and Home Plan Book

Better Homes & Gardens Five Star Home 1910, shown in this issue, is one of the series of one- to four-bedroom homes which make up the Five Star Home Plan Service. These homes, designed by America's foremost architects, range in style from Cape Cod to Contemporary, Traditional to Ranch-type. These are homes planned to give you maximum comfort, convenience, and beauty—at minimum building cost. *Better Homes & Gardens* Five Star service includes:

★ **Designs by skilled architects**
★ **Detailed working drawings**
★ **Cost-finding materials lists**
★ **Complete specifications**
★ **Contractor-owner agreements**

Working Drawings are detailed architect's drawings, from which your builder or contractor will build your home. They are complete in every way. Cost is $5 per set. Included with each set of working drawings are: 1) specification form outlining the quality of materials and workmanship you'll want in order to insure sound construction; 2) contractor-owner agreement form—a suggested legal contract to assure your home will be built as specified.

Lists of Materials—priced at 10 cents—are available separately for each Five Star home. With this list, your architect, building materials dealer, or builder can compute in advance the cost of your home.

These complete home-planning aids may be ordered from firms listed above, from your local building materials dealer, your local financial institution, or direct from *Better Homes & Gardens*, Des Moines 3, Iowa.

When mailing your order, be sure to specify the Five Star home number. Enclose a postal money order, bank draft, or check, payable to firm to which you write.

Home Plan Book: If you haven't selected a specific Five Star home plan, *Better Homes & Gardens* new book, *Five Star Homes*, will help you make a choice. This 76-page book brings you photographs and floor plans of 66 Five Star homes. Price —50 cents. You can buy your copy at firms listed above or order direct from *Better Homes & Gardens*.

DELCO-HEAT IS CHOICE OF SOUTH CAROLINIAN FOR SECOND TIME

Mr. J. D. Catoe, of Jefferson, So. Carolina, had a Delco-Heat oil-fired Conditionair installed in his beautiful new home shown above. "This is the second Delco-Heat furnace for us," Mr. Catoe writes. "We were so well pleased with the Delco-Heat Conditionair in our first home that we had the same model installed when we built our new home!"

"We chose Delco-Heat," Mr. Catoe continues, "because we knew that anything with the General Motors name is built to give real value. And our dealer had already proved that his factory-training gave him the "know-how" to install our heating system right." Moore Heating & Sheet Metal Works, Hartsville, S. C., installed the Catoe's Conditionair.

Delco-Heat Oil-fired Conditionair with the exclusive "Rotopower" unit—an automatic forced warm-air furnace—heats, cleans and humidifies the air in your home. For oil, gas or coal-fired automatic heat, see your nearest Delco-Heat Dealer. Or write—

Delco Appliance Division, General Motors Corp., Rochester 1, N. Y.

Every one of SPRATT'S ASSORTED DOG BISCUITS is packed with *wheat* for stamina and *meat meal fibrine* for energy. Crisp-baked, SPRATT'S makes a dog chew . . . helps keep teeth and gums firm and healthy. No mere snack, SPRATT'S makes a *meal* for your dog.

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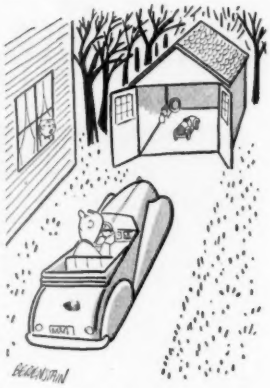
REPAIR TOILET SEATS WITH PLASTIC WOOD

EASY! No skill required. Handles like putty . . . and hardens into wood.



"You call me, Pop?"

More mileage, less cost

Continued from page 221

dle of a screwdriver to jar the lock parts into place and permit the key to turn. Then clean and lubricate so it doesn't stick again.

If snow or water gets into a lock and freezes up, heat your key with matches, insert it into the lock. The heat from the key will melt the ice.

Generator working? Though your ammeter (charge indicator) isn't as simple to read as it was in the old days before cars developed automatic voltage and generator controls, this ammeter now tells you a good bit more about your generator and battery than it used to—if you learn to watch its behavior occasionally. Here is how it behaves: After you have discharged your battery a bit, say by using your starter to start the engine, the ammeter ought to show a full rate of charge at driving speed until you've restored the juice used. Then the ammeter will drop back until it's almost at zero. So watch it; if it doesn't drop back after a few minutes of running, your battery isn't taking the charge as it should or the controls are on the blink—or a short or something is running your battery down while the car stands.

To use your ammeter to see if your generator is working right, turn your headlamps on "bright" and drive at 18 to 20 miles an hour. If the ammeter shows no discharge the generator is charging as it should.

If both generator and ammeter behave, but your battery does not show a full charge when tested at the service shop, then likely your automatic controls are cutting the generator out too soon.

Bounce like a buggy? The arrow-smooth ride of a new car fades as imperceptibly as the youthful waistline; you hardly notice its going until it's well gone. So check. Take hold of the bumpers and bounce your car up and down (see photograph page 11). When you stop, does the car stop, come to rest instantly as it should, without rebound? Or do the shock absorbers only snub the bounce, let the car make another oscillation or two before coming to rest? On the front does one side of the car move more freely than the other, rise higher and push lower than the other? That unequal action can keep you everlastingly "driving" to keep the car on the road. That unchecked rebound beats you unnecessarily, heightens fatigue.

If having the shock absorbers refilled doesn't correct the trouble (you ought to do that every 10,000 miles anyway), you'll have to have new ones put on. Though some shock absorbers last longer, many are pretty much worn out after 20 to 30 thousand miles.

Brake warnings. You better not mess with your brakes yourself, but only you can watch how they're acting and get them to the shop when they need repairs. Know the symptoms:

A scratching or grinding sound when you apply your brakes while your car is rolling indicates metal-to-metal contact inside the drum caused by worn-out linings. A clicking noise heard when the pedal is pushed, then released, while the car is standing, indicates too much clearance between the drum and lining and that your brakes need adjusting. Squeaking sounds as brakes are applied and released tell that shoe-ramps are dry and need lubricating. A squealing or grunting noise as the car slows down indicates improper lining contact or scored drums. If the brakes take hold suddenly from only a touch of the pedal, the cause may be improper adjustment or grease on the linings. If your car dives or pitches, look for grease on one lining; that lining will grab when the brakes are applied. If your car still dives after the brakes are equalized and working properly, look for weak springs or faulty shock absorbers. If the pedal has a soft, spongy feel or if you have to "pump" the pedal, there's probably air in the hydraulic system and it needs to be "bled."

When your brakes are working well but the pedal pushes to within 2½ inches of the floor, then it's time to get them tightened.

In addition to observing this behavior of your brakes as you drive, have the linings and hidden hydraulic parts inspected whenever you have the wheels pulled for greasing the bearings. That tells you what shape the linings and parts are in and how much longer they're going to last.

Keeping an eye on things yourself is no substitute for the 5,000- and 10,000-mile service and inspection recommended by your car's manufacturer. He has worked out a detailed program for all his service shops. He has developed diagnostic machines as intricate as those used in hospital laboratories to probe your own inner workings. But just as an annual physical examination cannot take care of little cuts and unexplained internal bleedings and skin sores that won't heal, periodic service cannot substitute for your keeping an eye on your car yourself if you want it to run its best and cost you less.

"Spread out—mama will be along in a minute to park the car"

LITTLE BURNS OFTEN LEAVE UGLY SCARS!

Don't take "half-measures" —use a real burn remedy!

Butter and lard can't fight infection, but Unguentine *can*. It's antiseptic and germicidal as well as soothing. A *complete* remedy for minor burns, it works three ways:

1. *Relieves pain*
2. *Fights infection*
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Get Unguentine, in tubes or jars, at all drug stores.

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Have abundant and dependable "full city water service" with the new F&W VARIJET Bullet Pump. Gives 40 to 70% more water—saves on electricity. Automatic, clean and quiet. Compact (goes under sink). Every F&W VARIJET Bullet Pump is tested for pressure and capacity. Fully guaranteed.

F&W VARIJET *bullet pump*

FREE BOOK—Helps select right water system for your home and garden. Send for book, "Running Water."

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Look for this MONEY-SAVING display at all good floor-covering, building material, and hardware dealers. Ask for easy-to-install Kintrim mouldings.

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Enclosed is $ ..... for material requested below.

- ☐ Easi-Bild pattern No. 201, Kitchen wall and base cabinet . . . $1.00 each.
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*Trade Mark, Easi-Bild Pattern Co.

The Secret of Spring's Enchantment in Your Garden Lies Wrapped up in

Imported HOLLAND BULBS

It's a "secret", quite their own, due to Holland's centuries of intensive bulb cultivation. Almost endless in variety and range of beautiful colors—in forms bold and proud or shy and intriguing—***Tulips, Hyacinths, Daffodils, Crocus, Scillas***—awaiting only your planting this Fall, each to bring its special note of enchantment to your garden, however small, next Spring from early March into June.

Orders should be placed with your dealer NOW—at Bulb, Seed, Hardware, Chain and Dept. Stores, Nurseries and Florists.

But be VERY SURE your BULBS are IMPORTED from HOLLAND.

ASSOCIATED BULB GROWERS OF HOLLAND
41 East 42nd Street (BH), New York 17, N. Y.

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ASK YOUR DEALER who is showing this emblem for our 3 booklets on culture of bulbs.

OCTOBER GARDEN GUIDE

In all sections:

- Plant spring-flowering bulbs
- Divide and reset many early-season perennials
- Keep on spraying or dusting roses
- Mow the newly planted lawn as soon as it's two inches tall
- Water fall-planted trees and shrubs
- Keep on cutting faded blooms from plants for tidiness and plant vigor
- Repot house plants for winter

SOUTH

Plant English ivy now; it's the best month of all for setting this plant out. Give ivy a good watering.

Plant hardy annuals about the time of the first killing frost; this means early October in our mountains, late October in the Upper South, early November in the Middle South. Plant a few dwarf annuals in tulip and daffodil beds to prevent that gone look when bulbs are past.

Along the Gulf Coast, plant calendulas, stocks, and the early-flowering sweetpeas.

Plant narcissus, tulips, Dutch iris, lilies, crocuses, grape-hyacinths, leucojum, and scilla bulbs in the Middle and Upper South. Add to this list the tender narcissus such as Paper Whites for the Lower South.

Give roses their last feeding of the season in the Lower South; the best blooms of the year come this month. Spray or dust, if necessary, to control pests.

Feed shade trees, using 3 pounds of complete plant food for each inch of trunk diameter at the base. Make holes about 2 feet apart underneath the spread of the branches. Use an instrument such as a soil auger to make the holes at least 10 inches deep. Place a handful of plant food in each hole, filling out with peat or soil.

—*W. Elbridge Freeborn*

TEXAS-SOUTHWEST

Plant new peonies. Dig the new hole about 2 feet square and 1 foot deep. Work a cupful of bonemeal in the bottom of the hole. For abundant bloom, set the root so the buds at the crown are barely covered with soil. Planted much deeper, peonies fail to bloom.

Divide and reset daylilies, spring-flowering daisies, phlox, violets, gerbera, spider lilies, and coreopsis.

Plant early spring-flowering bulbs such as daffodils, hyacinths, scillas, and dogtooth violets but wait till next month for tulips. Place tulips in refrigerator at least two weeks prior to planting.

Plant bulbous iris for the earliest flowers. Place in the coldframe and mulch for protection. Plant yellow calla lilies in sheltered spots such as the southeast side of the house. Pot freesias and oxalis and keep in a cool place for several weeks; they don't require darkness as do other bulbs used for forcing.

Plant sweetpeas in a deep trench late in month. Soak the seed and coat with an inoculant just before planting. Fill trench halfway; then add soil as peas grow.

—*Marian Price Scruggs*

CENTRAL-EAST

Plant mums in full bloom, move them with a chunk of earth on a cloudy day. Stake the plants at once, if tall. Group several plants of the same variety together for strong color effect; spotting colors weakens the effect.

Plant biennials such as foxglove and Canterburybells in the garden now; they should not be disturbed in the spring. Set young pansy plants in the border or along the garden path for color in early spring.

Prepare bulb beds thoroughly. Plant spring-flowering bulbs as early as they're obtainable. Add a few crocus bulbs to the lawn. They tend to die out. Sling a handful of the bulbs and plant them where they fall.

Sow seed of hardy annuals such as larkspur, petunia, and snapdragon; mark the area plainly to avoid spading up in spring.

Plant evergreens; space far enough apart so they won't grow together and touch in a few years. Plant as far from the foundation as the location permits; they tend to lose their branches from shade and poor air circulation. Mix a little compost and a handful of complete plant food with the soil around each evergreen when planting. Water all newly planted shrubs and trees as soon as planted. Guy evergreens 4 feet or more tall into position—wind-whipping may injure the new developing roots. Remove labels from trees and shrubs at once to avoid choking.

Check dogwoods carefully for borers before buying or moving on your own property. Use care not to knock bark off dogwoods in moving operations. And don't lift the plant by the trunk, as this may bruise it; any injury is an invitation to borers to enter.

Store squashes and pumpkins in a warm, dry place such as the furnace room. Onions require dry, cold storage over winter. The attic is a good place for them.

Don't sow grass seed after October 15, as the tender seedlings likely will be frozen out; rather, wait till November 15, after which the seed will wait in the ground to germinate early in the spring.

—*Harvey Bicknell*

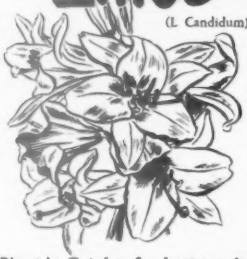
More Garden Guide, page 251

PETER HENDERSON'S

Highest Quality
French Northern-Grown

Madonna Lilies

(L. Candidum)



Plant in October for best results
Three for $1.65—Six for $3.20
Twelve for $6.00

(Postpaid east of Mississippi.
For points west add 10% of order.)

The lovely "Madonna Lily" is the best known and loved of the garden lilies. Their sweet scent, pure white trumpet-like blooms will brighten your garden next June and early July. The blooms in beautiful clusters are borne on sturdy stems 3½ to 4 feet high. The large bulbs are Henderson's top quality, imported from northern France where the finest in the world are produced.

Mail Orders handled quickly and expertly

PETER HENDERSON & CO.
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These rugged walking or riding tractors are ideal for farm, truck garden, orchard, poultry farm. Operate on a few cents an hour. A child can handle them.

DO DOZENS OF JOBS Both riding and walking tractors quickly and easily plow, cultivate, harrow, disc, bulldoze, spray, haul, grind, saw wood, etc.

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6 Packets 25¢

SPECIAL—for the biggest, best, earliest Sweet Peas next summer, plant this fall. To try it yourself, send for this Special Offer, with easy planting directions:

$1.00 Value for 25c! The six finest colors—**scarlet-cerise, rose, lavender, blue, white, cream-pink**—all 6 Pkts. seeds postpaid for 25c.

Or send 42. for 6 Half-Ounces, ½ oz. of each color. *Order Today!*

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Keep Free of ROACHES

WATERBUGS • SILVERFISH • CRICKETS

Always keep Gator Roach Hives around and you'll be free of these insects—for good! They love bait in sanitary tube, eat it—and die! Clean, easy to use. 26 years of satisfied users. At most stores. If yours has none, send name of store and $1 for 9 hives.

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Big, Sweet and Juicy Home-Garden

BLUEBERRIES

Beautiful blooms too. Plant this fall. Also roses, shrubs and fruit trees. FREE CATALOG

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RARE ROSES Our 1950 catalog, "ROSES OF YESTERDAY" describes an unequalled collection of historical, romantic and unusual roses, seldom offered today. It has been called "the rose-world's most seductive reading."

Send for 50c, coin or stamps, deductible when ordering.

LESTER ROSE GARDENS BH-1 Watsonville, Calif.

HYPONeX GROWS Better PLANTS Quicker

Simply dissolve and water your plants. Grows superior house plants, garden flowers or vegetables *in any soil — even in sand or water.* Clean—odorless—safe. Excellent for starting seedlings, cuttings, transplants.

If dealer can't supply, order direct.

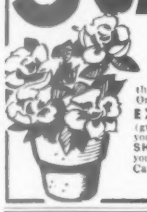
Large 16-oz. can $1 Postpaid . . . Makes 100 gals.

HYDROPONIC Chemical Co.
Copley, Ohio

Guaranteed by Good Housekeeping

3 GARDENIAS $1.39

AMERICA'S LEADING GARDENIA OFFER



Now — you can have 3 Gardenias for $1.39 — the kind that usually sell for $1.50 each! Grow them indoors in flower pots or outdoors in your flower beds. You get 3 strong, heavy rooted, Everblooming Gardenias for the amazingly low price of only $1.39. They're world famous gardenias that produce those large, sweet-scented, waxy-white blossoms in profusion. Order your 3 Gardenias today for $1.39.

EXTRA! YOU GET 1 HARDY AZALEA (grows everywhere, produces hundreds of red blooms) — it's yours, too, if you order promptly! SEND NO MONEY. WE SHIP C.O.D. — pay postman just $1.39 plus postal charges for your 3 Gardenias and 1 Hardy Azalea. Money Back Guarantee. Cash orders sent prepaid.

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AFRICAN VIOLET

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Sent to you by guaranteed mail. Very special get-acquainted price—America's best violet buy. Sturdy *Blooming size* 6 months old plants. "Pink Sensation", "White Queen" or "Wisconsin Blue Wonder". Enclose 25c stamps or coins, plus 10c for postage and handling. Money back guarantee. If ordering 3 send us only $1. Orders for 3 also sent C.O.D. plus postage. No C.O.D.'s on single orders. Use easy order blank.

EASY ORDER BLANK I enclose.....Send C.O.D.....
To OWEN NURSERY, Dept. 220, Bloomington, Ill.
Name.....
St. or RFD.....P. Office.....State.....
Number Violets Wanted.....

Cleveland

The Cleveland Rose Society has proved two things which will interest anyone who is eager to beautify his community. One is that even a small group in a large city can carry out a worthwhile civic improvement project. The other is that an elaborate project isn't necessary to win a first prize in the *Better Homes & Gardens* More Beautiful America competition.

When a temporary war structure was torn down on one corner of the busy public square in downtown Cleveland, Ohio, it left an unsightly spot that cried out for improvement. Members of the Rose Society saw in it a double opportunity. They could beautify the spot with a rose garden, and at the same time, make other Clevelanders interested in rose growing.

City officials liked the idea, and agreed to haul in good soil, build fences, and lay a flagstone walk through the plot. It would then be up to the Rose Society to plant, prune, feed, water, and do all the other work needed to maintain the garden.

In the fall of 1947, members turned out to plant 836 rose bushes and hill them up for winter—and they did it in just six hours. But when spring came and the bushes were uncovered, an unexpected pest showed up. The thousands of pigeons that flock to the square took a liking to the tender rose shoots. By the time an effective repellent was found, 232 bushes were dead.

Under its agreement with the city, the Rose Society was obligated to replace the bushes. Potted roses were needed, and the modest treasury didn't have the money. But sympathetic nurserymen gave liberal credit while ways were found to raise the money. The dead roses were replaced, and the project was saved.

Since then, things have gone more smoothly. The Rose Society has kept the garden in perfect condition, and made it a real beauty spot in the heart of the city. So striking was the improvement made with limited means by the Society that the project won the $1,000 first prize among entries in the large-city class in the last More Beautiful America competition.

$6,100.00 IN PRIZES

Don't wait too long to get started on your project in the More Beautiful America competition. Autumn is the best time of year to get your planting in, so you can take advantage of a long growing season next year. Projects can be large or small—and most communities have a spot that needs improvement. Basic rules are simple:

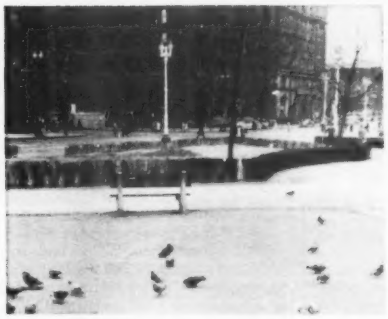
A project must be permanent and civic in nature, and of benefit to the entire community.

A project must be sponsored by a civic, fraternal, religious, or industrial group.

Awards will be based on work accomplished between April 1, 1949, and November 1, 1950, as shown in clear before-and-after pictures, accompanied by an account of about 2,000 words describing the project.

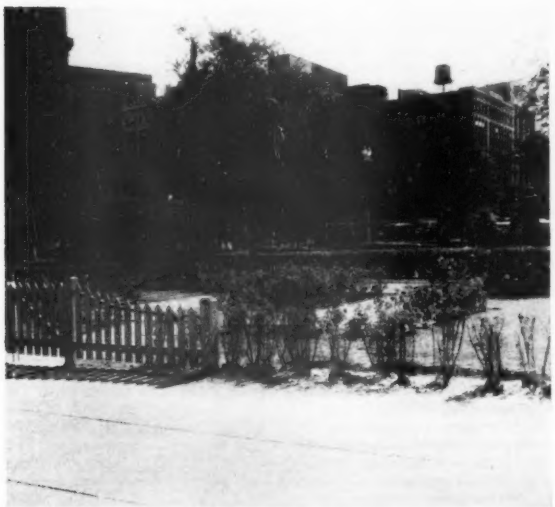
For additional details, suggestions, and entry blank, write to: More Beautiful America Editor, *Better Homes & Gardens*, Des Moines 3, Iowa.

gets a rose garden



There were misgivings when the Rose Society took over this plot. Strong winds swept it in winter, and it was feared that air-borne chemicals would damage the roses. Even the soil was unsuitable, and had to be replaced

Members turned out on a cold November day to plant and hill up 836 rose bushes. There are 16 different varieties, all of them popular and of proved superiority



The completed garden, from another angle. Existing hedges were permitted to grow as a screen against winter winds. Surprisingly, no black-spot disease has shown up, and members think now that chemicals in the air may be proving an unexpected ally in keeping the disease down

SPECTACULAR OFFERS
for a gorgeous garden!

GUARANTEED TO BLOOM NEXT SPRING — Darwin
TULIPS
100 BULBS $2.69
Not tiny bulblets; they average 3" in circumference! Will continue to increase in size and quantity; bloom for years into large, long-stemmed Tulips of breathtaking beauty! Order these choice bulbs in a glorious Rainbow Mixture now—for planting this Fall!
FREE! 50 SPRING-FLOWERING IMPORTED DUTCH CROCUS BULBS in exotic color mixture — with each 100 Tulip Bulb order!

Glorious Gold and Blue Spring-Flowering Combination!
DAFFODILS & NARCISSUS
100 BULBS $2.69
Glowing shades of gold and yellows; for borders, rockeries, etc. Will multiply in ground; bloom profusely year after year!
FREE! 50 IMPORTED DUTCH GRAPE HYACINTHS—deliciously fragrant; "Heavenly Blue" shade — with each 100 Daffodil and Narcissus Bulb order! Plant in front of Daffodils for lovely gold and blue effect!

SPECIAL!
Any two $2.69 offers for only $5.00

COMPLETE SPRING GARDEN SPECIAL!
All of above 3 offers totaling
400 bulbs only $9.00
Compare and be convinced! This is a $16.00 value — you save $7.00!

Giant Golden Trumpet DAFFODILS
25 BULBS $1.69
Huge, long-stemmed beauties; will bloom year after year, adding sunny color to your garden!
FREE! 10 DUTCH BLUE WEDGEWOOD IRIS — tall-stemmed, orchid-like flowers—with each 25 Daffodil Bulb order! Plant in front of Daffodils for a symphony of blue and gold.

Graceful Dutch HYACINTHS
15 BULBS $1.69
A profusion of lovely shades — especially effective in borders or beds!
FREE! 12 DUTCH WOOD HYACINTHS (SCILLA) — pink, blue and white—with each 15 Dutch Hyacinth Bulb order! Perfect for planting in clusters or borders.

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The diary of a plain dirt gardener

By Harry R. O'Brien

Tonight a neighbor came to our door, carrying a little puppy. With great joy, David took him in—so it looks as though we have a dog once again

Oct. 1 Yesterday I sorta hated to see September go. But somehow, today it was good to see October come. Warm, dry, everything pleasant outside. Shrubs and trees beginning to don colorful coats. Mums blooming in the garden—but not so good as I wish they might be.

Only trouble was that I had to earn the family living. And was so delayed that it was too dark to bother about getting into work duds when I got home. And I refuse to do garden work in clothes I wear to the office.

Oct. 3 Our men's rose club went on a tour over to Dayton today to be the guests and see the gardens of the Dayton Rose Society. This is an organization of men only and our own local group was patterned after it when we organized mebbe 12 years ago.

We saw excellent rose gardens and other gardens, but no space here to tell about them. But one item needs be mentioned. Harry Lorton has just a little garden, on an average city lot. It was super-excellent, with every plant, every leaf, in apple-pie order.

But the news was in how he solved the matter of the extra soil he uses in winter for mulching around his roses. The plants are close together, so this soil is removed in spring. And where can one store this on a small lot?

Well, at the back of his garage, alongside the alley, Harry has built a long, narrow bin about two feet deep. Here he stores this extra soil. Then in this bin he grows tomatoes on stakes. Today, with part of these already out, he had a crop of turnips growing.

Oct. 5 Ere breakfast was over, it began to drizzle rain. We need that rain. And tulips are on my mind. I aim to plant tulip bulbs shortly, and I'm worried about how deep to plant them. Should they go down 4 inches, 6-8 inches, or 10-12 inches? My own private opinion is that nobody knows for sure and that much of what is printed about it is just plain guess.

Downtown this afternoon and dashed into one of the seed stores. Miss Ruth, at the store, says she thinks people don't plant tulips deep enough. The usual recommendation is that the top of the bulb be 4-5 inches deep. She says if you put them down 10-12 inches, they will last for years.

It didn't frost last night, and I don't think it will tonight. But to play safe, I picked another big basket of ripe tomatoes, beyond call of duty, and deposited them in the kitchen. It was a gentle hint to Maggie to carry on with her juice-making and canning.

Oct. 6 To monthly meeting of our men's rose club tonight. It was the annual flower show just for our own members. When the judges had finished, there was no surprise in their report. Harold Weaver had won first and second, with Harold Bach a close third.

The rest of us can't understand how these two keep winning so many prizes, both at this private fall show and in the big public show in June. They must have some secrets. When we ask, they just laugh and say it is luck. I know differently. But don't know the how or why of the way they do it.

There was a round-table confab on our experiences of the past season on fighting pests. One or another has been trying most every dust and spray on the market. We couldn't agree on anything. We went home agreed, though, that there is no best brand or formula or method. That maybe it is better to keep changing now and then, in hopes of outwitting the pests.

Oct. 7 Now our main perennial bed is in sad shape. I never seem to catch up on maintenance. Grass and weeds work faster than my hoe does. Except for here and there, not much has been added in way of humus or plant food for years. We have concluded it will be easier to tear this bed all up and begin over to renovate it.

Over yonder behind the bushes is the old strawberry bed that Donald turned under. Our plan is to dig perennials worth saving and move them over to this, where we'll make a new perennial bed. We'll work over the old bed, sow rye in it to grow humus over winter, turn this under next spring. Then for a year or mebbe two, we'll grow some cultivated row crop to get the bed back into shape—grow annual flowers, glads, or maybe even vegetables.

Oct. 9 Saturday afternoon and proceeded at moving these perennials. With good-sized clumps such as Siberian iris and daylilies, I divided them before resetting, but didn't make the divisions as small as I would in the spring. A good

Started moving perennials. A good many looked so poor I threw them away. Donald growled at such waste

many things looked so poor when I dug them, I just threw them away. I'll start over again next spring with buying new ones or growing them from seed. Donald came along and growled at such waste.

Oct. 10 Down at the rose garden on the Ohio State University campus today, with my little camera loaded with color film, to get some extra pics of some of the newer roses. These included the 1949 All-America winners, Forty-Niner and Tallyho. There was good color, too, on Pinkie, the little floribunda which was 1948 All-America selection.

One rose that was unusually good was Hill's Hillbilly. This is a new shrub-type rose, with a single, pinkish bloom. It blooms continuously from early summer on. The bush, four feet or more tall, is strong, vigorous, winter hardy, and disease-resistant. If you are looking for other roses along this same type, then try Autumn Bouquet, the Fairy, Dainty Maid, Lipstick, Prosperity, Martha Lambert, and Betty Pryor. These are all suited, too, for setting out in the fall over most parts of the country.

I also checked over the mums in

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the University garden. One of special note was Murmurs. I'd call it a sort of deep lavender, though I'm not reliable as to exact color shades.

Back home and pottered around. Picked two bushels of tomatoes just in case—including some partially ripe—and put in tool shed. Also fastened tight the basement window to the coal room. I don't want to have an invasion of mice, such as we had last fall.

Oct. 11 When I peered out the front door at dawning, it was raining. Now our old dog is so old and feeble, I didn't have the heart to chase him out in that rain. So I put on raincoat and went after the paper myself.

Oct. 12 "I wish you would write something in the paper, telling folks not to plant silver maple trees," said a local nurseryman who sat next to me at a meeting downtown this evening. "And tell them not to plant a Chinese elm. Every time a fellow comes to the nursery for a shade tree he wants a variety that will grow 15 feet in a year. Tell folks that the trees which grow fastest are usually the poorest ones to have, after they are grown big."

When I got back home, David gave me the news that our old dog is sick again—bad sick this time. He had neglected his math studying to take him up to the veterinarian at 10 tonight. But the doctor was away from home. So David brought the dog back, gave him some medicine left from the last time, and put him to bed on the landing of the basement stairs. As I went to bed, I heard the poor fellow whining, just as he used to whine when he was a little puppy.

Oct. 13 This is a day of sorrow for us. When I came down in the morning, I went to the stairway. And there our poor old dog was dead—of old age and heart trouble.

He was just a little black dog, of no recognized breed and of uncertain lineage. It was 15 years ago

This is a day of sorrow for us. When I came down this morning, there was our poor old dog, dead of old age

last spring that the iceman had given him, as a little puppy, to the boys. He grew up with the boys and was their companion through the years.

When the boys were little, I had trained him to trail them by smell. He has kept away rabbits from lettuce and cabbage, has dug up many a mole and chased away the rats from the garage. Through the years he has brought in the papers,

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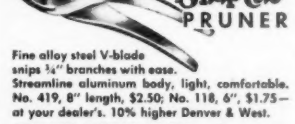

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The diary of a plain dirt gardener

Continued from preceding page

in sunshine and rain, in snow and darkness.

At breakfast we talked about where to bury him. I wanted to put him in the back rose bed, beside my first bush of Peace. Donald thought back in the ravine beside the first dog the boys had owned. But tonight when I came home, I found that the boys had wrapped him up in one of Maggie's good sheets and had buried him beside a viburnum bush in the shrubbery at the back.

Oct. 14 Made the rounds of stores today and bought tulips, quite a lot, some at each place I stopped—as an excuse to get around and gossip with everybody. I bought a dozen of each variety, including Early Single, Early Double, Cottage, Darwin, Breeder, Parrot, Red Emperor, and so on.

There was a bit of frost this morning which did damage here and none there. A few of the dahl-

A bit of frost this morning, so I dug up a few dahlias which had wilted. And you should have seen the fine tubers

ias had wilted over, so I got out the spading fork. Dug down out from base of plant, down under, pried gently up, to loosen a clump of tubers. And you should have seen the fine clump of tubers which appeared. I cut off the tops down to a few inches above, with pruning shears.

Then with spading fork, I dug a few glads. I never saw such fine corms. So round, so firm, so fully—well, just like the commercial on the radio. And so big. Here I cut off the tops close down to the corms.

I carried both dahlias and glads in flats to the tool shed to cure and dry. But it isn't quite time yet to dig the rest.

Oct. 18 A hard frost completely blacked the rest of the dahlia tops and made the glads look yellowish and ready for digging this late afternoon. Donald took the spading fork and did the digging. I followed behind to cut off tops, then put them in flats, one layer deep.

After cogitating, I hauled all the flats to the house and carried them down to the storage room in the basement, to do their curing there. When I leave them in the tool shed, I sometimes forget—and freezing weather ruins them.

David meanwhile was on a trip

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Description of these in August magazine page 138

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down to the Humane Society dog pound. He's been haunting local veterinarians, too. He misses having a dog and is determined to get another one. I tell him to wait until next spring.

Oct. 26 This morning we had one of the worst fogs in local history. And out of that fog, about breakfast time, there came a little puppy to the front door of a friend who likes dogs but can't keep one. So tonight at 8:30 she came to our door, carrying that puppy.

With great joy, David took it in. Out in the kitchen he gave it a meal of canned dog food, with our whole family standing around. Puppy licked that up and stood up on his hind legs, asking for more. David poured him a saucer of milk. This was lapped up, and the little beggar asked for more.

So it looks as though we have a dog again. He is a funny little fellow, of no distinguishable type and with a homely face. David made him a bed, and we fairly had to drive David back to his studies.

Oct. 27 It looks as though our family worry of getting David up early in the morning is now over. At about 6 this a.m., he was up, dressed, and downstairs to take his puppy out for a walk. At that, he was mebbe a half hour too late—which you will understand if you ever owned a puppy. All day long the chief concern of the household was to get the puppy outside at sufficiently regular intervals—sad to relate, not frequent enough.

Oct. 30 Maggie and I have been away on a business trip and arrived back home at 10 tonight. And what a sight met us. Pieces of chewed newspaper all over the house. On the rug in the hall is a veritable litter of paper. My garden gloves are all chewed up, and some of Maggie's dust rags are torn to bits.

Also, David has been to the pet store. He brought home an ample supply of divers prepared foods, collar, leash, unbreakable feeding dishes, and goodness knows what else. And the pup is sick. No wonder. Besides its regular rations, supplied by David, Donald has been feeding it apples, celery, stale bread.

Well, I made oration. Said come morning, I would take that pup to the dog pound.

Oct. 31 Morning, and downstairs, I saw the debris had all been cleaned up. But straightway I put that pup outdoors, right in the rain. He took up a post on the back steps and began to howl.

Down came David posthaste. He wanted to bring it back in the house. I was firm. Said from now on, it could inhabit a bed in the garage and never more be a house dog. Maggie came down and was irate. Said it was inhuman to leave a little puppy outdoors and in the rain.

I was firm. Either it stayed out—or, after breakfast, off to the pound. As soon as I went up to my study desk after breakfast, the rest of the family got that pup back in the house again. I suppose I'm licked.

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Are you a city sucker?

Continued from page 217

wait on the merely desirable ones until you have pulled it down.

Meanwhile, your town ought to know where it is going—next year, five years, and even 50 years from now. It ought to have an over-all plan like the one for New Castle, Indiana, described in *Better Homes & Gardens* in March, 1947. Then it can grow in orderly fashion, with new homes, industries, and shopping centers provided for in appropriate locations.

That way it will not strain its present facilities nor lose residents and business to outlying communities. Knowing what its problems are and will be, it can more safely tackle them one at a time. If it won't become a dream town within the next few years, neither will you yipe when the tax rate is published.

Incidentally, there's still another way for you to keep a hand on that tax rate. It's by putting a limit—expressed in either the state's constitution or its laws—on the size of the property tax that can be imposed without the taxpayer's consent. The Seattle taxpayer, for example, pays far less than average because he's protected by a 40-mill limit. All taxes over the limit have to be voted by the people. This is a better remedy than kicking out a city administration that raised the tax rate because it was pressured for expensive services. And it might encourage neighborhood and civic groups to do things for themselves—like converting a vacant lot into a ball field—instead of running to the city hall.

There's one more point to check—the mechanics of your city government. With a mechanically sound car, your travel money is likely to go farther; so is your tax money with a mechanically sound government.

Is yours the city manager-council plan? Experience proves that this form offers you the best bet for getting first-rate service.

Next comes the mayor-council form. It will work well if you have a competent mayor who has complete administrative responsibility.

The city commission form, fortunately, is losing ground. Its weakness rests in the delusion that the voters can pick from a grab bag of candidates a technically competent commissioner of finance, public works, safety, etc.

Do you have city elections every year? Once every two years is often enough. Terms of the mayor and councilmen should be at least four years, and so arranged that not all the councilmen are elected at the same time. Five councilmen are enough for small cities; nine for large ones. And you're likely to get better men when you elect them at large instead of district by district. The latter invites logrolling.

Municipal elections should be nonpartisan. What has garbage got to do with Republicans or Democrats?

Do you also elect such administrative officials as the city auditor and the treasurer? If so, the voters' interest is likely to be watered down because they have to keep up with too many candidates. It's better practice to centralize responsibility in the mayor.

Terms of department heads appointed by the mayor—such as the fire and police chiefs, the health officers, and the city engineer—should not extend beyond his own. Otherwise, these officials can invite the mayor to jump in the lake. There's something to be said for overlapping terms or civil service coverage for department heads. But they make it simple for the mayor to pass the buck to officials he doesn't control.

Finally, does your city give you every year a financial report that you can understand? Check with your city auditor. If there is no public report, or if it takes an expert to interpret it, you have a right to be suspicious. In addition, does the administration tell you annually what it has been giving you for its tax money? Most cities still do not. They are like the garage man who hands you the bill but won't tell you what he's done.

You can find out for yourself, though, as this article has shown you. In poking around, you'll learn that municipal affairs are much simpler than they seem to anyone who knows nothing about them except what he reads in the paper. You will probably learn, too, that your town's government is neither so good nor so bad as it's pictured at election time. And you will learn whether or not you have been played for a sucker—whether or not your tax money buys what you ought to have at a price you can afford.

Afterward, if you feel like talking to your neighbors about making, or maintaining, a community you can be proud of—well, it's *your* town.

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Garden guide

Begins on page 243

PACIFIC NORTHWEST

Start new lawns as soon as possible so a good root system is established before cold weather. Scratch and rake bare spots in the old lawn, wet down if dry, smooth off, and sow grass seed.

For contrast, plant both evergreens and shrubs that lose their leaves. Plant after the first heavy rainfall. Choose kinds suitable in size for the area to be planted, also types suited for light exposure. Use compost to mulch shrubs and trees after planting.

Plant perennials and biennials west of the Cascades. Plant wallflowers, sweetwilliams, Iceland poppies, and Canterburybells in sun; but columbine, hosta, and Japanese anemone require a shady spot. Divide and transplant many of the rock-garden plants such as pinks and saxifrages. Also divide daylilies and poker- or torchlilies, if they haven't been divided for three years.

Start penstemons from cuttings and continue to make fuchsia and geranium cuttings. Avoid using soft shoots as they are likely to rot. Make hardwood cuttings of flowering quince and other flowering shrubs and place in a coldframe, which should be protected from freezing later.

Transplant cuttings of azaleas, rhododendrons, camellias, and similar shrubs into small pots or flats when roots form.

Spray roses at two-week intervals; water and plant food usually isn't needed this month.

Plant spring-flowering bulbs; prepare soil deeply.

—*Ada V. Turner*

CALIFORNIA

Plant all spring-flowering bulbs as soon as possible. Plant lilies, too, and be sure the soil is prepared deeply and leafmold is added. Place some gravel in the bottom of the hole if soil isn't drained well, and set each bulb on a handful of sand.

Set out snapdragons, stocks, larkspurs, calendulas, baby primroses, and other winter flowers that you want.

Keep tulip bulbs and lily-of-the-valley pips in refrigerator for several weeks before planting so they'll bloom in southern parts.

Plant eucalyptus, privet, eugenia, and other hedge plants. These may be used for windbreaks as well.

Lift mums in bloom, place in large boxes or pots, and use for display on the patio. Use a transplanting powder.

Feed and mulch poinsettias for them to do their best.

Take ants in the garden seriously. They're up to no good. Place ant bait around so they carry the poison back to the nest to destroy the entire colony.

—*Alfred C. Hottes*

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How to plant your tulips step by step

For how to select your tulips, see next page

Quality for a good start

START with good-quality bulbs bought from reputable dealers, and you're almost certain to have blooming tulips to enjoy next spring.

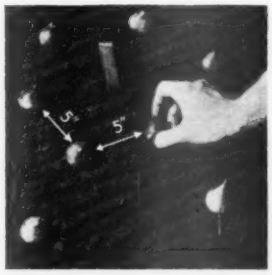
Clumps all of one color are more effective, but you can get a lot of pleasure out of a border of mixed tulips.

Where, when, and how

Tulips will flower satisfactorily when planted in only moderately good soil. They'll do better in a rich loam.

Water must not stand over them at any time. Each bulb puts out a brush of roots as it starts into growth, so allow for these. Keep the bulbs at least six inches away from a house foundation.

Planting can be done any time between late September and mid-November. Unless you are planting a large formal bed—in which case, it's best to remove all the soil to a depth of eight inches—forking up the soil where you want to plant is your first step. Fork, pulverize to a depth of full eight inches, and relevel the soil.



1. Now you're ready to plant. For a good-looking clump, space the bulbs in an oval or figure eight allowing five inches between bulbs. Put a stake in the center of clump as a reminder

2. Lift the first bulb and stab your hand trowel its full depth straight down into the soft soil directly below where the bulb lay. Pull the trowel blade toward you to widen opening

3. With your other hand, insert a tulip bulb with pointed end up. Press its base firmly against bottom of the hole. Pull up and out on your trowel and let the soil fall back to fill. You're now ready to plant your next bulb

4. Press the soil over each bulb as planted, or with small clumps; do this firming when last bulb is covered. If season is dry, pour water in a ring outside planted area, so that the soil around them will grow damp slowly

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Darwins. This class has tall stems—24 to 32 inches, and blocky cup-shape flowers. They bloom with lilacs, Van Houtte spirea, and the intermediate iris.

Five outstanding Darwins are: Gloria Swanson—an enormous crimson set off by a blue center, Scotch Lassie—a pure deep lavender that charms everyone when it's grown near a soft yellow variety—like Niphetos—or below a Father Hugo's rose. Zwanenburg is a pure white of lasting substance and a lovely thing to plant near red azaleas. The Bishop is one of the finer dark purples and an excellent one for accent, and as contrast for pale pinks and lavenders.

Cottage tulips. Those in this class are similar but usually have longer flowers than the Darwins. Advance is the most spectacular and looks like a great flame-red poppy. Plant it against a green background with forget-me-not-flowered anchusas nearby. Rosabella—a delectable pink, Marjorie Bowen—salmon, buff, and rose-pink, and Golden Harvest—deep lemon-yellow, are samples of this desirable class. Flesh-pink English Daisies, blue bedding violas, and Virginia Bluebells in front of them guarantee they'll show off at their best.

Lily-flowered tulips. These rate high on grace and are in demand for cutting. Captain Fryatt—reddish violet, White Duchess—a truly all-white flower, and Yankee Girl—a delightful buffy-salmon, are three that draw extra praise. Like the Darwins and Cottage tulips, those in the lily-flowered class look the prettier if set among forget-me-nots or near mats of moss phlox such as Vivid and Dixie Brilliant.

Breeders. Unusual art shades and smoky overlays of hazy lavender and purples mark this group. They're excellent cut flowers to arrange in brass and copper. Plant near purple honesty, the golden daisylike doronicums, orange and yellow wallflowers, or yellow and bronzy pansies. Purple-leaf Filbert and Copper Beech make the handsomest of all backgrounds for them. Ask for Bacchus—violet blue with a dusky bloom, Cherbourg—a golden terra cotta, and Indian Chief—wood-brown with rosy highlights.

Late Doubles. These have heads so heavy they often need to be staked if rains are frequent. Eros—rosy-lavender, Mount Tacoma—a handsome white, and Uncle Tom—a blackish red, are the boldest of the group. These are in full bloom when the early iris start. Blue polemonium or pale-blue bedding violas help set off the big pompon blooms.

Parrots. These oddest of tulips are growing in favor each spring, now that the newer varieties have good stiff stems. With fringed edges and bold splashes of green on their outer petals, they do look as though made of feathers. There's a good color range and you can have Red Champion, Violet Queen, the

[*Turn to page 257*

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Directions on Label

CLOROX IS AMERICA'S FAVORITE . . . IT BLEACHES • REMOVES STAINS • DEODORIZES • DISINFECTS

Prepare your plants

By Norman Creider

Beautiful house plants are an important part of your home's winter charm; but house plants, like children, need attention if they are to thrive. And now is the time to give them the care that will insure healthy growth during the coming winter.

Don't overlook garden flowers such as petunias and marigolds for use as house plants. Pot them to continue bloom indoors in a sunny window. Cut the tops back at least halfway, keep watered, and syringe the tops daily with water for best results.

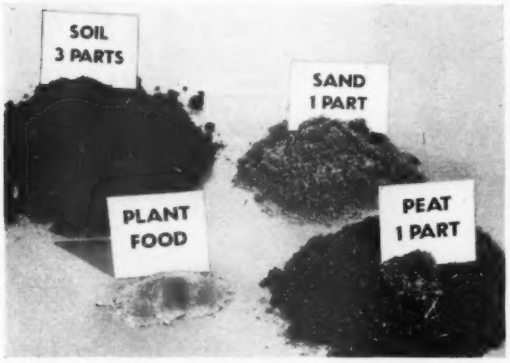
House plants moved indoors before frost will become used to the change before the furnace is started. Plants don't like sudden changes; they exhibit their protest by a check in growth and by abnormalities. Get plants used to the indoors first, then to furnace heat. Observe these points and follow the steps below to enjoy living with your plants indoors this winter.

Prune back halfway shrubby-type plants such as this shrimp plant. Cut just above a pair of leaves—new growth will arise from this point to make your old plant more attractive. Pruning develops bushiness

Wash smooth-leaved plants, such as this variegated ivy, with sudsy water (1 ounce soap per gallon). Dunk leaves in solution; then rub stem and leaves to dislodge pests. Keep plants clean, and they'll work for you

now for winter beauty

Let plants stand several hours after suds treatment, then syringe with clear water. House plants need dusting every time the furniture needs it. At these times set plants in sink and syringe with lukewarm water

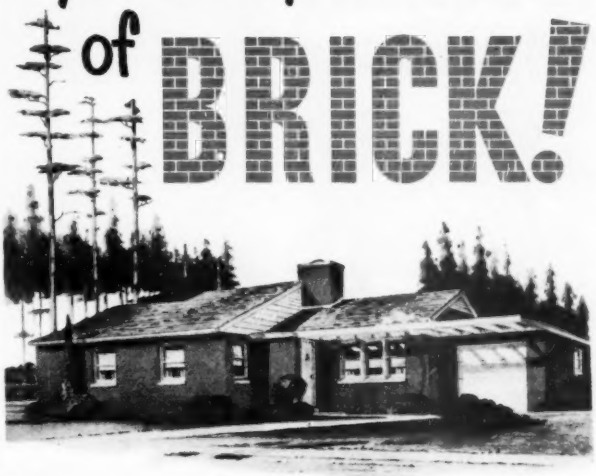


Most plants will grow well in a soil mixture made up of above ingredients; but African-violets, gloxinias, and ferns need 2 parts peat. Use 2 tablespoonfuls of plant food per gallon of soil. Mix it in thoroughly

Hold your hand over the soil, turn the plant upside down, and strike pot edge sharply on table for removal and root inspection. Few roots as shown above (left) mean repotting; crowded roots (right) mean shifting

More on next page

You'll always be glad you built your home of BRICK!



Five—ten—twenty years after you've *lived in* your home, you'll still be glad you built it of *brick*.

Your home will retain the strength, dignity and charm of brick—grow mellower and more beautiful through the years.

Today, with modular-sized brick and coordinated building, your *first* cost is less when you choose brick. And your "over-the-years-cost" is less. There's no painting to do—no costly upkeep—no worry about termites or decay—you pay lower fire insurance rates.

Yes—a brick home is a beautiful, permanent, easy-to-maintain, *fire-safe* home. And you can build yours in the shade of brick you like best—there are so many wonderful colors from which to choose!

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2. Having chosen your house, you next send for the PLANNING KIT containing an enlarged floor plan of *your* house with furniture cut-outs scaled to size. With this you can completely visualize its liveability and determine whether it meets your family needs. The KIT also contains a list of key materials which will enable your contractor to furnish a cost estimate.

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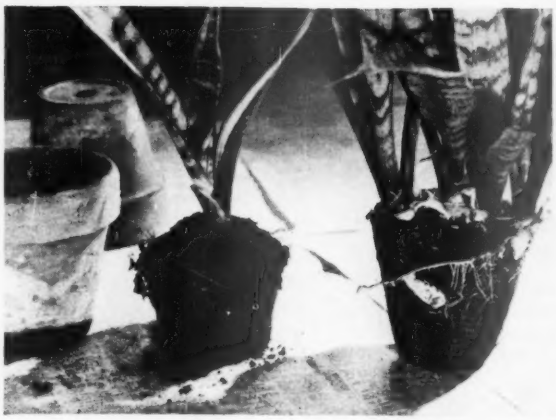
Prepare your plants now

Begins on page 254



Remove the old soil near the top of the soil ball as shown (left). Do the same to "pot-bound" plants, but in addition tear the matted roots on the bottom and loosen side roots a little by squeezing around the base

Good drainage in the bottom of the pot is important for the house plant. Use several pieces of broken clay pot for this. This drainage material will prevent the hole from plugging up and the soil will not waterlog

Cover the drainage with soil before placing the plant in the pot. Then fill in with soil, and firm with your thumbs as you bounce the pot sharply on the table. Plant at right has been shifted to an inch larger pot. Allow a half-inch space at top for water. After potting, water well

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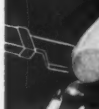
NORTON abrasives® CRYSTOLON KNIFE SHARPENER



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IRONING TABLE

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You can do a lot with tulips

Continued from page 253

sparkling-yellow Sunshine, vivid scarlet Therese, and the salmon-pink Fantasy. All make beautiful cut flowers and all look the lovelier outdoors for having a ground-cover about them of dwarf-blue veronicas and/or the curious Spotted Pulmonaria with its small pink and blue flowers.

Though not offered generally, you can buy a tulip with a green flower—real apple green with a little soft yellow along the petal edges. This is known as *T. Viridiflora praecox*. It blooms in mid-May and meets all the requirements for something to stump the neighborhood experts.

But there's nothing quite like tulips and their colorful cups swaying slightly in the spring sunshine. You can never have too many.

When you plan your house use a compass

Begins on page 56

hard. Here were his problems:

A lot on the south side of the street

A view to the west over White Rock Lake

Prevailing southwest breeze in summer, north to northwest in winter.

The answer was a house that strings itself out parallel to the view. Entrance to the house is at the corner so that the living room has an unobstructed view. Bedrooms are on the south and west where they have the view and summer winds, but are shielded by the living-room projection from winter storms. The dining room, least used of all rooms, is on the least desirable north side. The kitchen is on the east where it is pleasantly bright at sunrise but not blazing hot at sunset. The den is also bright in the morning, but affords softer light the rest of the day for studying or drafting.

The house has three porches, each with its purpose. The entrance porch is merely a shelter from weather for visitors. Off both bedrooms and the living room is a lounging porch, comfortable and secluded on a warm night. Roofs over these two porches have the same eave line, which keeps the living-room projection from dominating the view side of the house. The third porch is a screened breezeway, ideal for outdoor meals.

Temperature is an important thing in a cook's life. A room-temperature orange gives more juice than a chilled one. Room-temperature egg whites yield a larger volume with less beating than cold egg whites.

STAINLESS ANTISEPTIC GIVES WONDERFUL RELIEF from PIMPLES*

Just Apply CAMPHO-PHENIQUE with Cotton

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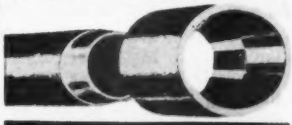

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Don Wilson of the Jack Benny Program

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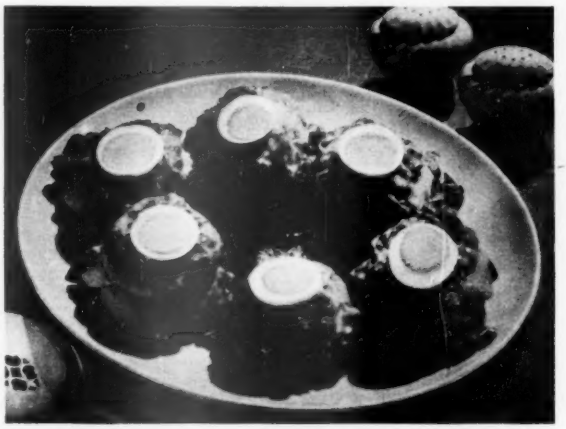
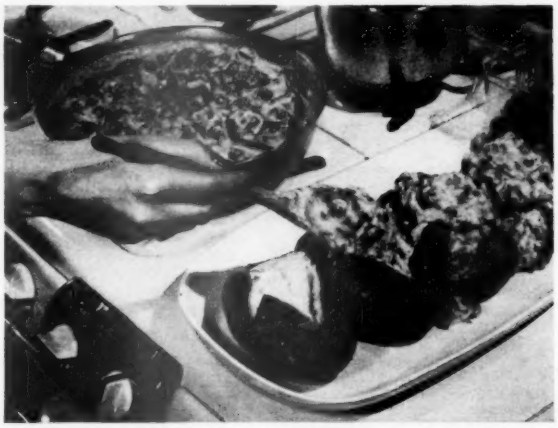
Quick main dishes with dried beef

Begins on page 96

Dried Beef With Rice. Add 1 teaspoon Worcestershire sauce to creamed dried beef. Ladle over rice and serve with corn-stuffed green peppers



Beef Shortcake. Slice two hard-cooked eggs into creamed dried beef. Spoon between biscuit layers and over top. Garnish with egg slices



Creamed Dried Beef and Peas. Heat 1 cup canned or frozen peas in creamed dried-beef mixture. Serve over baked or mashed potatoes

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Where to get it

Most items shown in this issue should be available in your local stores. If, however, they are not, for your store's convenience in ordering, we list the names of the companies making the items or sources where they were obtained.

How to build color schemes

Page 44. Picture: Associated American Artists, New York City.
Wallpaper: Imperial No. 5512, Imperial Paper and Color Corporation, Glens Falls, New York.
Page 45. Carpet: Firth Provincial No. F1968, The Firth Carpet Company, New York City.
Fabric: "Camellia," Everfast Fabrics, Inc., New York City 13.

Quick snacks for unexperted guests

Page 77. Upper picture. Luggage rack: Mary Ryan, New York City.
Tray: American Art Works, Inc., Coshocton, Ohio.
Basket: Langbein Giftwares, Brooklyn, New York.
Glasses, fluted plates, and water bottle: Blenko Glass Company, Milton, West Virginia.
Nut bowl: Three Mountaineers, Inc., Asheville, North Carolina.
Lower picture. Tea cart: Brinkman & Cook Company, Chicago, Illinois.
Waffle iron: Noblitt-Sparks Industries, Inc., Columbus, Indiana.
Coffeepot: Bullock's, Pasadena, California.
Dishes: Campo del Mar, Capitola, California.
Batter pitcher and syrup jug: America House, New York City.
Flatware: Youth pattern, Holmes & Edwards, Meriden, Connecticut.
Page 79. Upper picture. Universal electric percolator: Landers, Frary & Clark, New Britain, Connecticut.
Samson toaster hostess set: Brown-Camp Hardware Company, Des Moines, Iowa.
Lazy Susan table: Margaret Studios, Antigo, Wisconsin.
Paper napkins: House of Paper, Inc., Los Angles.
Cups: Little-Jones Company, Inc., New York City.
Center picture. Chafing dish: Bullock's, Pasadena, California.
Dishes: America House, New York City.
Bridge-table cloth and napkins: Edmond Dewan Company, New York City.
Flatware: Morningstar pattern, Oneida Ltd., Oneida, New York.
Bottom picture. Lazy Susan: Margaret Studios, Antigo, Wisconsin.
Pyrex coffeepot: Corning Glass Company, Corning, New York.
Town-and-country mugs: The Red Wing Pottery Company, Red Wing, Minnesota.
Leaf plates: Little-Jones Company, Inc., New York City.
Napkins: House of Paper, Inc., Los Angeles.
Langbein cheese knives: Mary Lamm, Inc., Chicago.

Cabinet bed

Page 18. Cabinet bed: Space Mfg. Inc., Chicago 6, Illinois.

Smart place mats for your table

Page 132. Material for place mats: Everfast Fabrics, Inc., New York City.
Lower center. "Hibiscus" pattern square plate: Winfield Pottery, Pasadena, California.
Tumbler: Karhula crystal, Finland Ceramics & Glass Corp., New York City.
Upper right. Plate, cup, and saucer: Vadna of California, Pasadena, California.
Upper left. Plate and bowl: Corning Glass Company, Corning, New York.
Page 133. Lower center. All items: American Crayon Company, New York City.
Material for upper two place mats: Everfast Fabrics, Inc., New York City.
Tumbler: Blenko Glass Company, Milton, West Virginia.
Santa candle: Will & Baumer Candle Company, Syracuse, New York.
Page 135. All items: American Crayon Company, New York City.
Page 199. Lacelon: Minnesota Mining & Mfg. Company, St. Paul, Minnesota.

1-2-3 salad dressing

A quick, nippy dressing for lettuce wedges can be made by mixing 1 part of chili sauce, 2 parts of catsup, and 3 parts of mayonnaise.—*Ira B. Cross, Berkeley, California.*

Combines Big Laundry and Kitchen Bowls in Compact 48" Unit!

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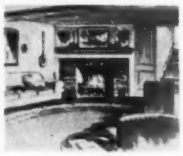
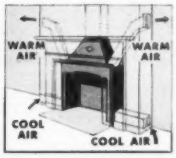
Heatilator Fireplace

*Heatilator is the registered trade mark of Heatilator, Inc.

FOR CAMPS The Heatilator Fireplace makes camps and summer homes livable weeks longer every year—earlier in spring, later in fall and for winter week-ends.



FOR BASEMENT ROOMS The Heatilator Fireplace solves the difficult problem of heating basement rooms. Its circulated heat warms recreation and play rooms quickly and thoroughly.



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Please send free illustrated booklet containing pictures, description and advantages of the proved Heatilator Fireplace.

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City .....Zone.....State.....

Buy a HOME—not a

To keep your home out of court, you should know some law. Here's a guide to good buying and safe homeownership

Your legal dictionary

Learn these words, and you'll have less trouble understanding your lawyer—and all the papers every homeowner has to sign.

Abstract of title: A written, chronological history, deed by deed, of a piece of land. It includes claims against the land, wills, etc.

Covenant: A promise contained in a deed, such as that the present owner has a good title to give you.

Conveyance (see Deed): The transfer of title to land from one person to another. It is the deed, plus its delivery and acceptance.

Deed: A writing in which one person transfers title to land to another, for a price.

Easement: A right acquired by your neighbor or the public to use your land for a special purpose. You can create this right either by sale, or just by not objecting to the particular use others are making of your land.

Encumbrance: Similar to LIEN (see below).

Instrument: Written evidence of a legal agreement concerning the creation, changing, or ending of a right or an interest in property.

Lien: A hold or claim against property to secure payment of a debt, such as a mortgage, or a mechanic's lien (given by law to a person unpaid for improvements he has made to your land), or taxes.

Mineral rights: Rights given someone to mine under your land for stone, coal, gravel, etc.

Mortgagee: A lender. A mortgage is a pledge of the land to insure payment of a debt; the mortgagee secures title on default by what is called foreclosure.

Option: A written agreement to sell a particular piece of

The deed that comes with your lot can bring you either freedom to enjoy your home—or lawsuits, trouble with neighbors, and insecurity.

Disputes over land date back to the book of Genesis, and from them there have been developed the laws governing real estate transactions. You can't be expected to know the fine points of those laws, but you should know enough to spot the possible sources of trouble in buying or owning land. You should have enough knowledge, at least, to know when to ask your attorney for advice.

The time for you to be most on your guard is when you buy, for your deed and abstract of title—if not properly checked—can contain sections which might give someone else a claim to the property.

But even after you've owned your lot for years, it's possible

LAWSUIT

By Robert G. and Mary Ann Riley

land to another person within a stated time, for a stated price.

Plat: A map of a tract of land, showing its total area and dividing it into lots or parcels.

Possessory interest: A right in land which includes the right to possession. Example: a tenant, holding land under a validly recorded lease.

Quiet title action: A court proceeding in which all persons with claims to property are notified to assert their claims, which results in a judgment establishing, defining, or denying ownership of the property.

Quitclaim deed: A deed by which one person releases to another only his interest in property. No guarantee of ownership is given.

Registration certificate: An owner's evidence of his ownership of land registered in the county in which it is located.

Stranger to the title: Anyone not appearing in the written "chain of title" in states where abstracts are used, who may have some interest in the land. Example: the long-lost son of a person who died owning the land.

Tax title: The right of ownership of one who makes a successful bid at a sale of land seized for taxes.

Vendor: The sellor or grantor: he who conveys land for a consideration (money).

Warranty deed: A transfer of title to land in which the seller makes himself personally liable for damages caused the buyer by acts of any third person claiming an interest in the land.

Note: When a noun ends in "-or" as in "mortgagor" or "vendor," it means the person taking the action. Think of the mortgagee or vendee as a passive person.

for a neighbor, or the public, to acquire a legal interest in it.

Below is a step-by-step procedure for you to follow in selecting and buying a lot. Follow it, and you'll practically eliminate your chances of ending up in court.

What restrictions does the lot have?

One of the first things you'll want to know about the lot is whether you can build on it the type of home you want. Some building requirements are set by zoning or planning commissions, but you may find others in the abstract or deed.

Your city engineer or clerk can tell you what minimum standards the city has set regarding the size or number of rooms your house must have. Zoning ordinances also may require that your home be set back a certain number of feet from the street, or from the lot line. [*Turn to next page*

I Wear False Teeth
yet my mouth feels fresh, clean and cool
No "DENTURE BREATH" for me*

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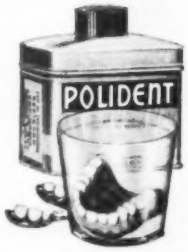
Polident comes in two sizes—regular and large economy size—available at all drugstores. It costs only about a cent a day to use, so get a can of Polident tomorrow, sure.



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Send literature and name of nearest Ruberoid dealer.

NAME_____

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Buy a home—not a lawsuit

Begins on page 260

Most important, the officials can tell you whether or not the lot next to yours can be used for an open-air theater or factory.

The lot's abstract of title, or registration certificate, will show any restrictions a previous owner may have put on the lot, such as to cost or appearance of the home you may build on it. Incidentally, courts of some states have declared some restrictions, such as those based on racial distinctions, not enforceable.

Look up city building codes that apply to the property. You may find that an overly exacting code will greatly increase the cost of your home.

Determine the lot lines

While you're making your first inspection of the lot, check its boundaries. If there appears to be any doubt, you can have the lot lines located—at moderate cost—by any competent civil engineer. He "runs a course" from an established landmark to a corner of your lot. Then, by a compass and plat (the map of that section of the city), he stakes out the boundary lines.

Look for special limitations

Another thing to look for in examining the lot is any evidence of conditions that might limit your enjoyment of it. An abandoned excavation might mean that some previous owner has given someone the right to remove gravel or coal from your property. The abstract will show whether mineral rights ever were granted anyone, and whether they still are in force.

Look also for anything that might indicate that your neighbors, or the public, have any right to your property. If there is a well-worn path or drive across the lot, or if a hedge overhangs it and has for some time, it may not be possible for you to stop that use of your lot by others.

Try to find out how long the path has been there, or how long the hedge has edged into your lot. Most states require that a number of years pass before the public can acquire such a right. This is something you can take up with your attorney, when he makes his check of the property.

If there's any danger of losing your right to part of your lot because of a pathway, or by being generous about your neighbor's hedge, there are precautions you can take. Close off the path once a year or so, and insist that your neighbors keep their hedges within their property lines.

The owners of Rockefeller Center in New York, one of the most valuable tracts in the world, close the public ways through it once a year to keep their title free of any such claims. For, if you suddenly block a path where such a right (called an easement) does exist, you can be liable for trespass.

Similar to the hedge problem is the age-old question of who owns

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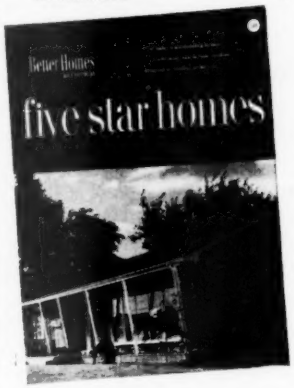

Home Plan 1801

Home Plan 1710

Home Plan 1811

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Name .....

Address.....

City-State .....

the apples on a branch that overhangs a lot line. Legal opinion holds that trees on another's land are not nuisances themselves, although their overhanging branches are. So you may cut both branches and roots which emerge on your property, and remove the fallen fruit. But you must put both the fruit and the branches on your neighbor's yard. Incidentally, you can't object if your neighbor enters your yard to get his apples.

Will you have extra assessments?

One of the things that will determine whether you're interested in buying a lot is the possibility of its being saddled with extra assessments and taxes. By inspecting the lot, or by asking neighbors, you can learn whether the city or development company has provided paving, curbings, sewer, and water; whether gas and electricity are available.

If you're in doubt, tax records in the county courthouse will show you the amount of street and sewer development already done. The county books also will show your chance of liability for future improvements, such as storm sewers or new highways.

If the proposed improvements haven't already been arranged for, you'll have a chance to object, on the basis of too high assessments, irregularities in proceedings, or lack of benefit to you. The law requires that such assessments can be made only after a notice of intention has been given the neighborhood, and you have been given a chance to be heard.

However, a proposed highway won't have to run right past your home for you to benefit from it, according to the legal authorities.

You may want an option

If your inspection of the lot doesn't disclose any apparent cause for future legal troubles, but you still want more time to investigate it before you buy, you'll often find it possible to buy an option which will give you the right to purchase the property at a specified figure, within an agreed period of time. If you decide to buy, the small option payment becomes part of the purchase price. But if you decide you don't want it, you forfeit the payment.

Submit an offer to buy

An alternate procedure is to draw up a written offer to buy. It should make the purchase contingent on the lot's having a clear title, being free from the rights of others to share in the lot's use, and should contain an agreement as to whether you or the owner will pay improvement assessments and current taxes. You should be allowed to withdraw from the transaction if building restrictions or zoning ordinances are unfavorable.

Also, the offer should contain the usual descriptions of who, where, what, when, and how much.

When you have submitted the offer, be sure to get the seller's written acceptance on your copy. And remember that the seller's wife, who in most states has a one-third (or dower) interest in all his property, can't be required to give up her rights unless she, too, signs the offer.

Most real estate agents use a standard form for the offer to buy. But, because of its importance, you'll do well to have the offer inspected or drawn up by your attorney.

Make sure the title is clear

The offer to buy, and your down payment, will be held by an attorney or real estate broker while you make sure that the mysterious figure whom attorneys call a "stranger to the title" can't claim a right in the property. This is the "escrow" period in states using that system.

The usual method is to have the history of the title examined by an expert—an abstractor or attorney who specializes in such work—who will write his opinion of its validity.

What is called the abstract of title in most states is an accurate, condensed history of every transaction having to do with your property from the time of government ownership to the present. For example, all titles in Maryland trace back to Lord Baltimore's grant from George I in 1632; in Louisiana, titles originate in French and Spanish grants. In most western states, abstracts start with the date of federal deed to the early settlers.

Abstracts aren't the only evidence of title. Some 20 states have adopted title registration laws (you may hear them referred to as the Torrens system of title recording). In those states the registrar of deeds in each county's offices keeps a complete index of all contracts or agreements affecting the title to your lot.

When property changes hands, the registrar issues a certificate which describes the land and lists the reservations or restrictions affecting it. For a dollar or so you can get a duplicate certificate at any time, from which your attorney can quickly advise you as to the condition of your title. Outstanding mortgages and contracts for sale are among the items the certificate will mention.

Get the best title

The best, and most usual, form used in property transfers is called the *warranty deed*. As the name implies, the owner warrants or guarantees that he holds the land free and clear of all claims against it, and gives you the right to take legal action against him if anyone makes a successful claim to the property.

A poorer form of title is the *quit-claim deed*. This simply transfers to you whatever interest in the property the former owner might have had. The owner guarantees you nothing, and you are warned there may be other claims to the land. This type of deed is not generally acceptable; most loan firms would refuse to lend you money on such a title. If it's the only type of title you can get, insist that the owner go through a legal action to quiet title before you buy. Such an action gives anyone with a claim a chance to state his case to the court.

A *tax title* is not much better than

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Positive Safety and Comfort with Clean, Low-Cost Gas Heat!

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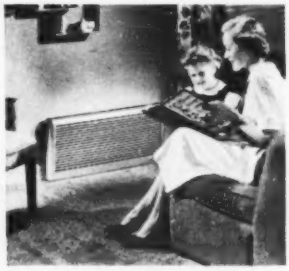

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WEST VIRGINIA GLASS

Buy a home – not a lawsuit

Continued from preceding page

a quitclaim deed. It is a county treasurer's deed to property the county has seized because a former owner failed to pay taxes. Since this confiscation is an extreme and cold-hearted measure, complex steps must be taken by the county officials before the proceedings are valid. One misstep along the way may give the former owner a right to claim the property. Again, let the seller clear the title, if he can, in court.

You may want title insurance

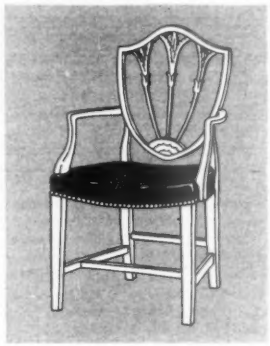
Any defects in deeds can be guarded against in some states by what is known as title insurance. As you can insure your home from damage by fire, so, for a premium, you can insure your house and lot from loss to someone with a claim to the property. This secures your title against defects which an abstract cannot disclose, such as forgery or false acknowledgment of deeds.

If you follow the steps above in buying your homesite, you can be sure that your deed is worth your money.

And your chances will be fewer of getting yourself into a boundary-dispute case like the one in which a judge once stated: "The title of the owner of the soil extends not only downward to the center of the earth, but upward *usque ad coelum* (as far as heaven), although it is perhaps doubtful whether owners as quarrelsome as these parties will ever enjoy the use of their property in the latter direction."

Are you style-wise?

Q. What Eighteenth Century designer can be recognized by this shield-back chair?



A. The shield-back chair is the most famous of all George Hepplewhite's designs. Carving inside the shield varies widely. Hepplewhite was first of all a fine cabinetmaker, so you'll see classic lines and elegant proportions in the furniture that bears his name.

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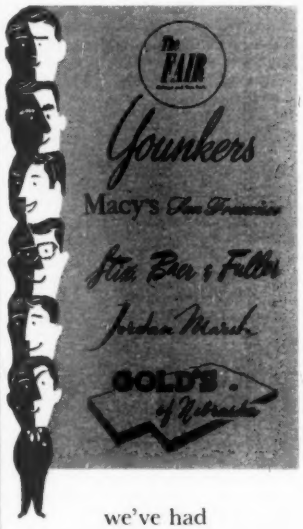

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Stix, Baer & Fuller, St. Louis	Oct 22-Oct 29

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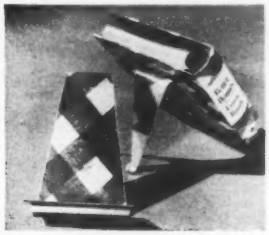

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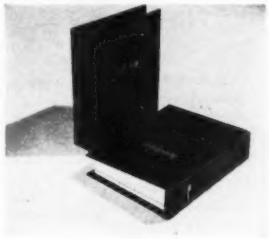

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Virtue Brothers of California

New Chrome Dinette

WITH GATE LEG TABLE

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★ Table closes to 14" width. Opens to 35" x 60"
★ Luxurious channel back chairs
★ New Grand Canyon colors
★ Sumptuously padded waterfall seats
★ Polished metal edging with color inset
★ Stain-and-burn-resistant MICALITE top
★ 1¼" gleaming chrome tubing

Space Saving, yet built for Hospitality

In crowded quarters, the gate leg table of this stylish new chrome dinette by Virtue Brothers saves space when closed, yet opens to a generous 35" x 60", to accommodate 6. Sensibly priced—a grand investment.

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LOS ANGELES 45, CALIFORNIA

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Address _____

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I own my home ☐ I plan to build ☐

Remodel your grounds

Begins on page 48

Hide bad construction features by planting

BEFORE

The house was built on a slope, making it necessary to hide the foundation on one side. The original builder used latticework, which leaves much to be desired. Besides requiring much upkeep, it makes house look awkwardly tall

DURING

After porch was ripped off, the Scofields built a retaining wall to hold back earth from basement windows and outside entrance. But the problem is still only half taken care of, since wall and foundation still need to be hidden

AFTER

The final solution was simple, a bank of rhododendrons whose evergreen foliage screens foundation and makes break in level less noticeable, even in winter. Plan your screen planting for such all-season use

More on next page

What Makes Buzzie write Like this?

BUZZIE is just learning to write.

And every line he writes starts out with big letters and ends up with little ones.

The trouble is, he doesn't plan ahead.

Many grownups have the same trouble Buzzie has—not with their handwriting, but with their money.

They blow it all at the beginning, and let the future take care of itself.

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Automatic Saving is sure saving — U.S. Savings Bonds

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Remodel your grounds

Plan a good view from your own lot

Entrance was moved to side for privacy. But there's still something missing in this view from upper lawn

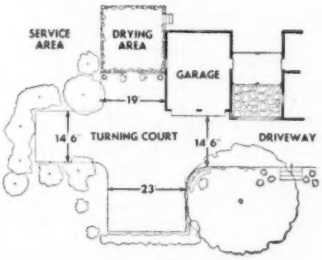
DURING

AFTER

The simple planting makes the difference. Upper lawn was cleared and a tree removed to frame house

Plan convenient, private service areas

Service area is secluded. A high stake fence hides a flagstone terrace used for drying clothes. The turning court will take care of heavy parking and provides an easy turn-around. Planting shuts out the unimproved area in rear. Existing plants were left in and used wherever they could be fitted into the remodeling plan



Expect results from your remodeling

The finished product is proof of the value of remodeling both house and grounds together. Planting alone wouldn't have made this charming home; neither would remodeling the house. Together they are unbeatable

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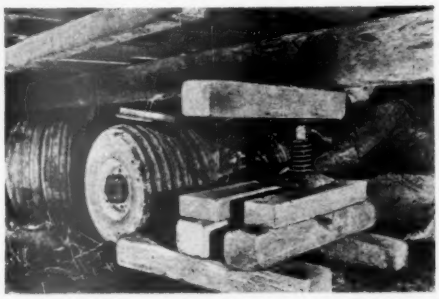
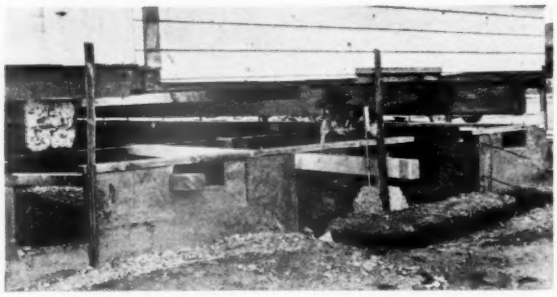
1. A house starts a trip: Chimney is torn down; then jacks raise the house



2. Moving day, house is carefully lowered onto sets of wheels

3. Cables to truck maintain balance as the house is maneuvered through streets



4. New foundation is ready to take weight of house as the timbers are removed

To see the home

Transplanting a house

By Ruth Dent Hughes

There are houses in your city that you can buy for $2,000 or less.

You can find them at the edge of commercial districts, along the proposed routes of new streets, or where new factories or public buildings will be built.

They are houses in older residential districts, and they may look down-at-the-heel. But try to imagine how they will appear on an attractive lot, with a little remodeling.

There's a good chance that you can find one of them that will fit the needs of your family—and that will give you a good house cheaper than many others on the market. Many have fine workmanship, good materials. The secret lies in moving the house to a better neighborhood. Here's how to go about it:

Step No. 1 is to find a house and lot that will go well together. Since good bargains in such houses must be grabbed quickly, it's usually better to find the house, then locate a lot. If you already own a lot, you'll reverse the procedure. And if you already own a good house, but your neighborhood is deteriorating, transplanting it will give it a new lease on life.

Houses suitable for moving are listed in classified ads of your newspaper, or in legal ads. At the city hall you can obtain lists of houses on land condemned for public buildings, institutions, or highways. [*Turn to next page*

5. Plaster was cracked before move; hole is fireplace opening

6. Old porch is removed, the living room (left) extended, as remodeling begins

this house made turn page ⟶

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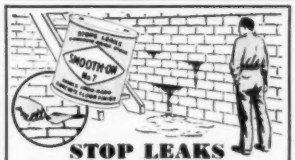

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Transplanting a house

Step No. 2 is to determine whether the house you've found is movable. The house must meet all building requirements of the neighborhood to which it is to be moved; wiring, framework, plumbing fixtures, stairways, all must pass strict inspection. You won't want the house, anyway, if its materials and workmanship aren't the best.

Your city building inspector will tell you if your house can be moved, and his services usually are free, unless you want a rush inspection, in which case a fee of $5 or $10 may be charged.

Then call in a contractor or experienced carpenter, and get his estimate of the remodeling cost.

Step No. 3 is to make your bid on the house. At the city hall you can get blanks to use in bidding on buildings on land the municipality may have condemned.

Unless you're experienced, you will do well to get some expert advice from an appraiser in making your bid. A rule-of-thumb sometimes used is $2 a square foot, though better houses often bring from $3 to $5 per square foot.

In deciding the price, remember the estimate of remodeling cost, and the amount the move will cost you.

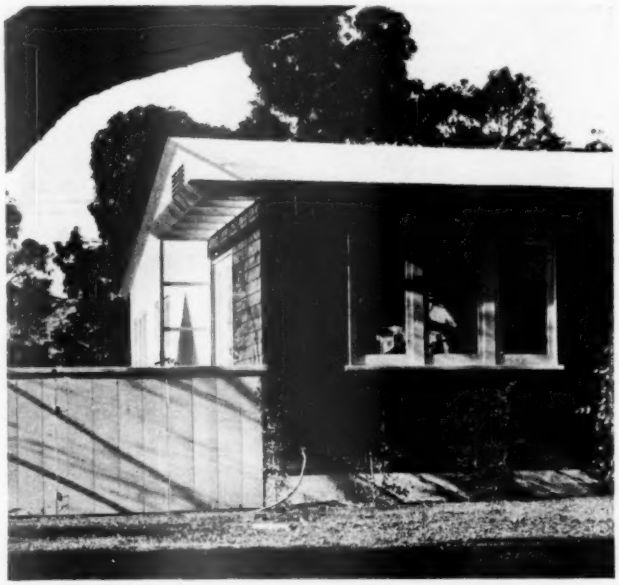
Step No. 4 is to buy your lot. Before you buy, make sure the house can be moved onto the lot—that there are no impassable obstructions on the route—and that it will meet all restrictions.

Make sure your lot has access to utilities—water, sewer, and power—and is close to transportation and stores.

Step No. 5 is to employ a house-moving firm. Find one that has a good reputation among businessmen and contractors. Fees may vary, but balance the fees against the firms' reputations. Individual complications make each moving job different, but a $500 fee for hauling a five-room bungalow a moderate distance won't be far off.

Make an agreement in writing as to the mover's fee, and the date of moving. Then make a down payment to bind the agreement.

The mover will attend to numerous details, among



7. Remodeled by Architect George C. Andersen, the home of Mr. and Mrs.

Begins on page 268

them advising the public and especially owners of nearby property. Any protests by other property owners usually must be filed with the city council within 10 days. If there are complaints, you will have a chance to defend your house-moving proposal, and the matter will be decided by your city planning commission, or a similar municipal agency.

However, you'll avoid much trouble if you first explain to your future neighbors how you will convert your house into an attractive home.

The fee you pay your mover will not include any cutting of power and telephone wires which may be necessary, especially if your house is a two-story building. In some communities, city street employees will remove, without cost to you, any tree branches which might hinder the progress of your house.

Your mover will arrange for police traffic escorts. To comply with city regulations, you may have to move your house after midnight, in which case you'll have to pay your movers overtime rates.

Step No. 6 is to prepare your lot for the new house. The two most expensive items will be laying the foundation and connecting it to the city sewage and water systems. You'll have a good start on the plumbing problem if you've moved connecting pipes from the house you're buying. Usually, you'll have to arrange for this yourself, as it's not included in contracts of most house movers.

If you're not sufficiently skilled to tackle the jobs yourself, you can save money by hiring professional plumbers and cement workers, and working with them.

Step No. 7 is remodeling, painting, and landscaping. If your plans were well made, your house will be on its new foundation about 30 days from the start of your project.

Add all your costs, and compare the figure you get with the cost of a house of similar size in your new neighborhood. If you've had good advice, and especially if you've done some of the work yourself, you got a bargain.

Norman Santos can scarcely be recognized on its new lot in Santa Monica

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*The mirror illustrated is Model 1252, 37" x 46", with metal frame—another Nurre "original."

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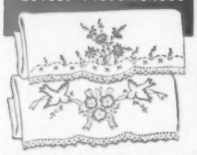

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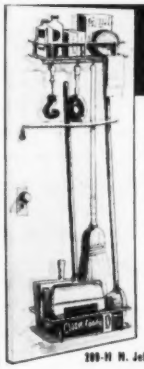

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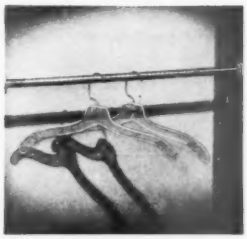
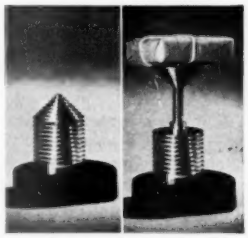


Telescoping steel clothes bar fits into any closet without brackets or screws. White rubber caps brace the bar against opposite walls. Hold closet bar in position, turn threaded end, and bar tightens firmly in place. *Wardro-Bar*, nickel finish, in three sizes: 24" (extends to 42"), $2.89; 42" (extends to 72"), $3.85; 47" (extends to 84"), $4.75; ppd. from Artcraft Products Co., P. O. Box 55, Cleveland 21, Ohio.

Postal scale hides in modernistic satin-polished aluminum paperweight, pops out for weighing letters and small packages. You merely unscrew the top, invert the cone-shaped cover, and rest it in a slot on the top of the weighing plunger. Scaled up to 8 oz.; 1949 postal rates listed on bottom. Scale is 3" high closed, 4" high when opened for weighing. *Paperweight and Postal Scale*, $3.50, ppd. Lyon Sales Co., Broad Street Bank Bldg., Trenton, New Jersey.



Captain's or "roustabout" chair, an old-time favorite, is available in wood finishes or colored lacquer. Hardwood *Captain's Chair*, No. 252, $12.50, in natural maple, mahogany, or walnut finish; $13.50 in red, yellow, blue, green, or white lacquer. Cash orders or deposit with order, f.o.b. St. Louis. Other styles available. National Chair Co., 412 North Fourth St., St. Louis 2, Missouri.

Bath mat dries off in a hurry; it's made of plastic! The padded mat looks like tufted fabric and feels just as soft and plushy to your bare feet. Toss it under the shower to wash it off. Wipe dry with a towel. Underside is a smooth, shiny backing suitable for bathroom floors. *Plastic Bath Mat and Matching Seat Cover*, in yellow, rose, blue, chartreuse, green, black, $4.50, ppd. M. C. Flynn, Inc., 43 East 59th St., New York 22, New York.

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Brighten up your home with this 15inch, lifesize Polly—complete with perch, mounting bracket and bright finish brass plant bowl. Brilliantly colored. Glazed porcelain-like finish. Gives an added touch of color to any room. You'll want one for yourself—one for a friend. Safe delivery guaranteed. Send check or money order. Sent postpaid in U.S.A. Two for $9.25.

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IN ANY LANGUAGE

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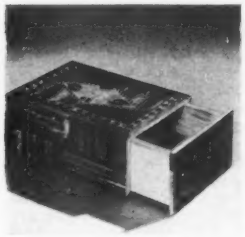
Pluck that stubborn lint from your wool suits by running over it with this little roller. Adhesive compound on the roller covering picks up lint and hairs. When the adhesive has taken on a full cargo, tear off a layer of tape and a fresh surface is ready for work. *Lint Roller*, 3", $2.50; half size, $1, ppd. Adhesive-tape refills available. California Gadget Shop, 509-D N. Fairfax Ave., Hollywood 36, California.



Ingenious people, the Chinese! Just try to figure out this box. The drawer opens from the right; the end panel on the left-hand side slides down with a push. These are the two working parts. Now for the trick: drop slide panel, open drawer. Drop in a piece of jewelry. Close drawer, raise slide to original position, open drawer. The box is empty! *Chinese Puzzle Box*, 6"x4"x2½", $2, ppd. J. J. Anthony, 1517 West North Avenue, Milwaukee 5, Wisconsin.

Generations of children have loved a fuzzy, stuffed Teddy bear. Here he is again with the same appealing, furry little body and rolling eyes; but this year a new twist puts him in tune with the times. Turn the winding key on his back and with the help of a Swiss music box he sings for his supper. He is 12½" high, dark brown and light tan. *Musical Honey Bear*, $3.98, ppd. Randel Associates, 1123 Broadway, New York 10, New York.

Keep silver bright for instant use by storing it in a chemically treated silver bag. Guaranteed to prevent tarnish, reduces the wear on silver-plate from repeated polishings, saves you work. Partitioned to hold hollow ware and prevent scratching. *Silver Cloth Bag* with three sections: 16"x 20", $3.45; 16"x24", $3.85; 20"x30", $5.50; ppd. Other sizes available; write for prices. California Ways, 261 B St., San Mateo, California.

Red and glossy as a real strawberry, with plenty of seed bumps, this jumbo cup and saucer can almost make you taste strawberries. It's sturdy pottery with a high glaze that looks like china. Cup measures 5 inches across, nestles in a green leaf-patterned saucer. Use this striking set to hold leafy indoor plants. *Strawberry cup and saucer*, $3.50, ppd. Laureen Products Co., 5030 Drew Ave. S., Minneapolis 10, Minnesota.

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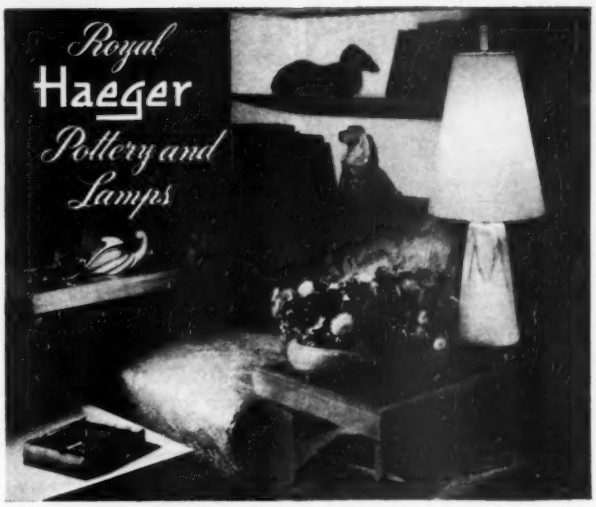

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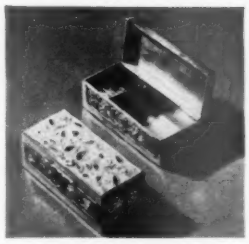

This little Chinese box not only houses stamps, but puts a splash of delicate color on your desk, too. Of solid brass throughout, the top and sides are intricately patterned in a leaf design of rose, yellow, green, and blue. Two sections hold regular or outsized stamps on a sloping surface, easy to scoop them out. *Stamp Box*, 3¼" long, is $2.75, ppd. The Salt and Pepper Shop, 445 E. 86th St., New York 28, New York.

Hide your money here. Grownups like the change bank concealed in a picture frame. Youngsters bury treasure in the pirate's chest. Picture-frame bank displays your own photograph, hides the fact there's money behind you. Small swashbucklers play a game, instructions provided, when they bank their booty. *Picture-Frame Bank*, 5" high, $2; *Pirate-Chest Mystery Bank*, $1, ppd. The Lemac Co., 154 West Tremont Ave., New York 53, New York.

Colors of these hand-painted *Tole Canapé Trays* will match or mix with the decorator colors in your home. Set them out with little sandwiches, cookies, or hors d'oeuvres. Or hang them on your wall by threes to make the most of their colorful fruit patterns. *Tole Canapé Trays*, 6" in diameter, half dozen, $6, ppd. Emma Lou Gift Studio, 685 El Camino Real, Palo Alto, California.

Slip your magazines into a convenient wall pocket. The open scroll front is not only a graceful design but lets you see through to locate small magazines that otherwise slip out of sight. Rack is 9" high overall, holds even large-sized magazines or books. *Bird of Peace Wall Rack*, in walnut or natural maple finish, $3, ppd. Scroll Wood Arts Shop, 411 So. Second St., St. Charles, Illinois.

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Needlepoint holder in a clear plastic case holds flower arrangements in a low bowl or even without any bowl at all. Put water right in the plastic case. Needlepoints are sharp and fine enough to pierce even tiny flower stems. *Casa Needlepoint Flower Holder* with plastic case, 3½″ across, $1.75, in stores or ppd. Casa Products Company, 11467 Chandler Blvd., North Hollywood, California.

They call it a nut bowl and we've photographed it as such. But we can think of many other uses for it, such as holding bronze-shaded summer flowers, serving fruit at dessert time, or to act as catchall on your desk. It's a reproduction of a Paul Revere design, in solid brass, 8″ across; $6, ppd. Nutcrackers, with amusing rooster heads, are 6″ long, also brass; $2.50 a pair. Both for $7.95. Art Colony Industries, Inc., 69 Fifth Ave., New York 3, New York.

Flower box and candlesticks are designed to harmonize with functional-type furnishings; group interestingly on table, bookshelves, or mantel. Of wood, lacquered in red or chartreuse with black trim, the box may hold a plant or cut flowers in its plastic liner. Box is 5½″ square; $1.50, ppd. Candlesticks are $1.50 a pair, without candles. Wurts Creations, 4301 Atlas Ave., Oakland 2, California.

Fat little shakers dispense salt and pepper, resemble appetizing fresh-baked rolls. The highly glazed pottery is delicately tinted in shades of tan that make it almost possible to smell fresh bread straight from the oven, when you just look at the shakers. *Cloverleaf-Roll Shakers*, 2″ high, are $1 a pair, ppd. El Ranchito Pottery, Box 31, Dana Point, California.

A knife is as good as its blade. Perhaps an old-fashioned hone is the best way to sharpen a blade, but the use of a hone is an art in itself. Next best is a sharpener with four emery cylinders set to touch only the edge of the blade, sharpening it without ruffling. In red plastic with a convenient handle, the knife sharpener is $2.65, ppd. Ward Phillips Company, Box 3451, Merchandise Mart, Chicago 54, Illinois.

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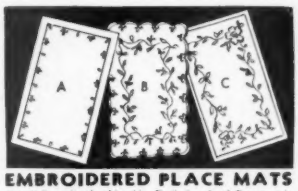

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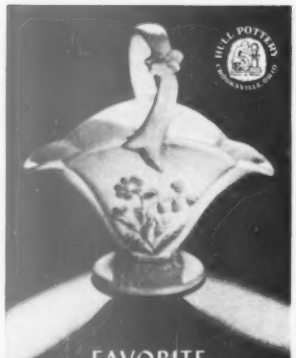

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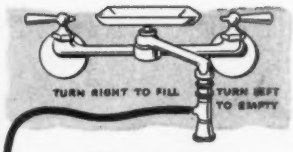
EMRICK, INC., 1859 Clinton, Kalamazoo, Mich.



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ORIGINAL PRICE $59

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The KEM-ROSE *6-in-1* HANGER

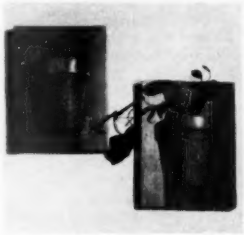
Holds 6 skirts, trousers, etc. Folds to space of 1, saving 6 times more room. Remove any one without disturbing others. Handy on trips or as dryer. 12 clips. Nickel plated steel. Always a WELCOME GIFT! $1.89 postpaid.

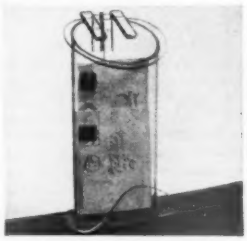
Kem-Rose Manufacturing Company
1235 South Adams — Glendale 5, Calif.

Through the Shops

We hope Lilliputiana enchants you as it does us! Here are four miniature replicas of classic *objets d'art:* a slipper, ½" long, a hen and a cat the same size, and a squat Toby pitcher (capacity 1 teaspoonful), all of fine white ceramic hand-painted in fine detail. The cat and hen are each $1; the slipper and pitcher, each $1.50. Add 15c for postage and insurance. The Glyn Ceriog Studio, Flourtown, Pennsylvania.

Time to begin planning indoor plants for winter. And what could be a more interesting arrangement than greenery planted in redwood plaques to hang on a wall? Since redwood is impervious to moisture, you can plant right in it, without danger of decay; the porous wood lets plants breathe, keeps soil damp without souring. *Redwood Wall Planter Plaques*, 6"x8", $1.95 a pair, ppd. Dee's Redwood Products, 2199 Folsom St., San Francisco 10, California.





See at a glance if the mailman has left you any mail. This lidded box is all clear shatterproof plastic, 10½" high to hold your longest letters, with the base curved gracefully up at the front for magazines. The hinged lid extends over the box top to keep out rain and snow. The box is $5.50, ppd. Your name may be engraved in gold on the lid for 25c extra. Van Horne Plastics, 1905 Ingersoll, Des Moines, Iowa.

Hang up a demitasse for decoration. The wire holder grasps the little saucer firmly while the cup hangs just in front for an interesting wall piece. Hangers alone are $1 each. The set of hanger with a Salem china demitasse cup and saucer decorated with prim Godey ladies in pastels is $1.79. Add 10c to your order for postage. The Pecks, 932 E. 50th St., Chicago 15, Illinois.

. . . that deliciously different taste of food cooked outdoors. BE THE PERFECT HOST! With a Hancock Outdoor Fireplace, your parties become occasions both charming and memorable.

Send dime for 4-page Plan Sheet—"HOW TO BUILD YOUR OUTDOOR FIREPLACE"—with working drawings for a variety of designs.

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DRIPLESS PIE OR CAKE PAN

Pies or cakes can't overflow—the encircling trough catches the drippings! No more messy ovens to clean. Water in trough prevents burned edges. Turn the pan upside down and it's a greaseless broiler! Heavy aluminum 1⅛" deep—Bakes 9" pie. 85c each or two for $1.60 postpaid.

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43-66 Bowne St. — Flushing, N.Y.

To refurbish an antique chest or cupboard or to add gentle dignity to a newer one, these drawer pulls and the key escutcheon are authentic reproductions of old designs. All of brass, with necessary fasteners; the *H-35 Drop Pull* at top 2½" long, $1.45; *H-38 Chippendale Pull*, 3½" wide, bright or antique finish, $1.65; matching *H-38 Escutcheon*, $1.35; ppd. Old Guilford Forge, Guilford, Connecticut.

If you like odd and unusual plates—as who doesn't?—you will want to add a new series to your hobby. On each 10½" plate is etched a picture map of one of the United States in sepia on white. Around the edge is a border depicting the state's nickname. A good conversation piece for travelers or stay-at-homes, the *Vernon State Map Plate* is $1.75, ppd. Include name of state you want. China House, 3rd and Fairfax, Los Angeles, California.

From the days of mustaches and close harmony come shaving mugs, flat at the back to hang on a wall. Pop can use one to park his shaving brush or hold used razor blades if he can keep Mom from planting vines in it. Solution: Get two, one apiece! Of white ceramic with a barbershop quartet etched in black, the *Gay Old Blades Holders*, 5" high, are $2.25 each, ppd. George B. Speir, Trenton, Missouri.

You must know by now that Pennsylvania Dutch is one of our favorite types of decoration. These brilliantly colored *Fraktur*s highlight our kitchen as nothing else could. Mouth-watering Dutch recipes are printed on creamy paper and bordered with significant birds, hearts, and flowers. Panel a wall or door with them to spark up your kitchen. Set of 8 *Fraktur*s, each about 12"x16½", $2, ppd. Adele Hostetter Hershey, Hamburg, Pennsylvania.

Whether you're breakfasting alone or serving a tableful of guests, one percolator makes the exact amount of coffee you need. For two cups, slide the coffee basket down to the lowest notch on the center stem; for four cups, there's a middle notch; and for six cups, the top notch does the trick. Of heavy aluminum with plastic handle, the *2-4-6 Perk* is $2.98, ppd. H. G. Kolb & Co., Inc., Dept. G, 6674 Yucca St., Los Angeles 28, California.

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SOAP DRIER DRAINS AND DRIES QUICKLY
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Retains full or nearly used bar. Supported on concealed support.

Molded Plastic in White, Ivory, Yellow, Green, Blue, Red and Black.

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Have attractive gift cards handy when you need them for showers, birthdays, anniversaries, etc. Card-Pak gives you 3 dozen Christmas gift cards, 2 dozen for year 'round occasions . . . packed with sixty white envelopes in clear plastic covered boxes. Over 24 different designs. Sorry, no COD's. Limit: two assortments per person.

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Now! **Add New Designs to Your China & Glassware** *Right at Home!*

HERE'S ALL YOU DO!

Paint on design. Brush on liquid glaze—use 5 or 6 colors, if you wish. Follow 3-Stroke Method Book's instructions, sent FREE with Kit.

"Bake" for an hour—right in your own kitchen oven! Out come your own hand-painted creations, permanently glazed.

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Glazes **PERMANENTLY**—*Right in Your Own Kitchen Oven!*

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Try Kit 7 Days—No Need to Buy

Send No Money. Just mail coupon to get Della Robbia Glaze Kit for 7 days' trial. Contains complete instructions; 13 beautiful decorator's colors in jars; clear glaze; thinners; brush.

When kit arrives, pay postman only $3.95 plus few cents postage. Use kit generously. If not delighted, return it in 7 days and your $3.95 will be refunded. **Dept. 1910, Sculpture House, 304 West 42nd Street, New York 18, N.Y.**

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Book shows how to copy or create designs; offers ideas for colorful decorations for home.

Decorate glasses with colorful designs

Personalize ashtrays. Add designs to china.

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Holds up to 32 Garments FULL LENGTH

This amazing Hang-All Auto Wardrobe Rack fits flush with the roof of your car **above** doors or windows. Does not obstruct rear view vision or use of doors or windows. Attaches in seconds to any make or model car—instantly detachable if desired. Handsome nickel-plated steel rack will support one hundred pounds. Saves packing troubles—eliminates pressing bills—pays for itself the first trip. Send check, money order, or postal note today. $4.95 postpaid. Money back guarantee in 10 days.

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Price slightly higher in West

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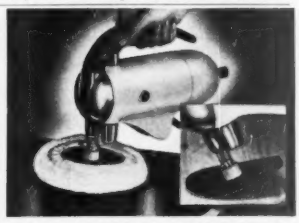

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For electric workshop drill $2.50

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Through the Shops

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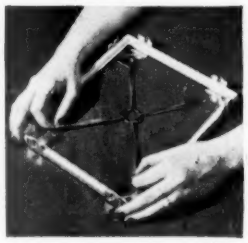
Make your own picture frames with a kit that includes molding cut to size and mitered, aluminum corners to hold the frame square, and a stretcher to brace the frame while pre-applied adhesive dries. The *Futurframe Kit*, with 8"x10" molding, is $1.15, ppd., complete except for glass. Write for prices on moldings of various lengths and finishes. Look Nook, 4120 University Ave., Des Moines 11, Iowa.



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Pot Belly Stove
$1 *Plants not included*

Delightful for ivy or flowers. Quaint pottery stove 4½ inches high in ivory with gay floral touches. Shades of the '90s for your coffee table. $1. ppd. No C. O. D.'s, please.

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Silver set for a baby, ready to keep step with him as he grows up, has matched pieces designed to help him learn to eat. Set has tools for the three stages: baby feeding spoon; 2-piece educator set for baby starting out on his own; 3-piece youngster set which graduates the child to adult silver. Six-piece set of fine silverplate fits into clear plastic box. *Step-Up Set*, $6.75, no federal tax, ppd. Eliot Ford, Box 11, Wallingford, Connecticut.

Maple-leaf candleholder in glowing brass leads a double life. It may lie flat, as shown, to decorate a table, or become a wall sconce with the holder fastened at the top above the handle. Handsomely heavy in design, the *Candlestick-Sconce* holds a tall taper to shed the glow that only candlelight gives. In pairs only, $7.95, ppd. Richard R. Fine & Sons, 75 Leverett St., Boston 14, Massachusetts.

Little half-circles hold a favorite trinket or plant you like to display, against a wall space, between windows, or a credenza finish for your kitchen cabinet. The shelf, 6" across, is mounted on a sturdy center bracket. You may have them in natural finish oak, birch, fir, maple, or pine; painted white, or unfinished for your own decoration. A pair, $1, ppd. or 2 pairs, $1.80. Goebel Cabinet & Fixture Co., 512 Dale St., S. W., Hutchinson, Minnesota.

Paint your own neckties, blouses, draperies; design monograms and duplicate signatures with textile color that handles like paint, works like a dye. You can use any method to apply the paint, even finger painting. Colors are permanent and washable, do not leave the material stiff. Kit has 4 colors, 10 jars of textile paint, including 2 different types for varying fabrics. Paint "takes" on silk, wool, cotton, linen, or nylon; steam material and it's permanently dyed. *Alart Home Textile Paint Kit*, $2.50 plus 45c postage; add 3% tax if you live in California. Scott of California, Box 227, LaCanada, California.

ALUMINUM WINDOW TRAY AND 2 BRACKETS

27" long x 6¾" wide x 1½" deep
Ideal for African Violets—Moss Green Finish.

An Original Indoor Plant Aid —Tray Rests in Restraining Brackets, attached by screws, to a Window Sill as Narrow as 2½ inches. No Leaks—No Rust.

$2.00 POSTPAID NO C.O.D.

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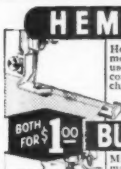
ALUMINUM IN COLORS

These hand spun anodized aluminum tumblers have a permanent satin finish—assorted colors—GOLD, BLUE, GREEN and RED. They are odorless and tasteless and are ideal for grown-ups as well as children.

Ice cubes are not necessary if these 11 oz. tumblers are chilled before serving. Perfect gifts and a welcome addition to any home. Set of 8 only $6.95 ppd. Matching coaster-ash trays $1.95 ppd. Set of 8.

PUEBLO GIFT SHOP
2428 University Ave. Madison, Wis.

HEMSTITCHER



Hemstitch with this handy attachment on ANY sewing machine. Also use for picoting, tucking, etc. Make comforters, rugs, slippers, handkerchiefs, etc. of any material. Also, lovely fringe for curtains, slip covers, draperies, etc. Simple directions included.

BOTH FOR $1.00

BUTTON HOLER

Make button holes on your sewing machine . . . quicker and easier than doing them by hand. Sews buttons, rippers, darns stockings; wonderful for quilting. Sews in all directions . . . front, back or sideways. FITS ANY MACHINE. SEND NO MONEY. Just mail name and address. On arrival pay postman only $1.00 plus postage. Send cash with order, we pay postage. Satisfaction guaranteed or your money back. Order TODAY!

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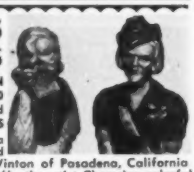

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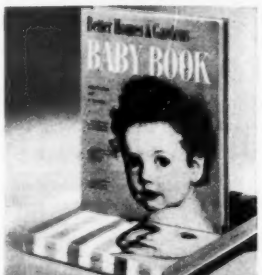

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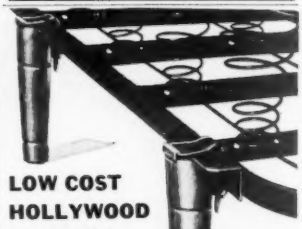

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dressed	$5.95	dressed	$4.95

Mark Farmer Mfg. Co., Box 450, Pinole, Calif.

"FRUIT OF THE LOOM" PASTRY CLOTH & DOUGH BAG

Assures You Flakier Tastier PIES and PASTRIES

Women everywhere are discovering the flakier tastier baking dough they can prepare by using the famous "Fruit of the Loom" Pastry Cloth. Scientifically treated to prevent the dough from sticking to rolling pin and board—it is a real boon to the housewife. The proof is in the baking. Pies and pastries come out richer, tastier than ever. The COMPLETE KIT consisting of duck Pastry Cloth, Dough Bag, Rolling Pin Jacket and Pastry Recipes COSTS ONLY $1.00 postpaid. Send check or money order.

RADLEY PRODUCTS CO.
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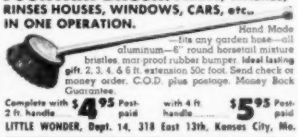

Hand Made —fits any garden hose—all aluminum—6" round horsetail mixture bristles, mar proof rubber bumper. Ideal lasting gift. 2, 3, 4, 6 & 8 ft. extension 50c foot. Send check or money order. C.O.D. plus postage. Money Back Guarantee.

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SEND 25¢ FOR SAMPLES

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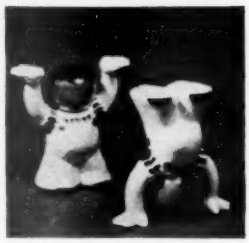
LEWIS' Dept. BH
International Bldg., St. Louis, Mo.

Through the Shops

Timothy Timer is a smart little tyke, even if his head is hollow. He's filled with red sand and times your eggs or your telephone calls so the eggs won't be too hard or the calls too expensive. His head is clear so you can see the flow of sand and know when 3 minutes have gone by. Stand him on his head or his feet—makes no difference to *Timothy Timer*. He's $1.25 each, ppd. Malcolm's, 524 No. Charles St., Baltimore 1, Maryland.



All the pie stays in the pan instead of bubbling over the edge when you use one of these nonoverflow piepans. An extra lip with a capacious groove catches surplus juice, eliminates scraping out the oven after every baking. Pans bake a 9" pie; two will fit into a small oven. White line in photograph shows the shape of the pan rim. Aluminum *Nonoverflow Piepan*, 2 for 97c, 4 for $1.75, ppd. Walter Drake, Colorado Springs, Colorado.

Carry a little magnifying glass in your handbag to read the phone book in dark telephone booths, to check the menu in candlelit restaurants. Plastic magnifier reader, rectangular shape, with polished smooth edges (has no frame), measures $3\frac{1}{2}$"x$1\frac{5}{8}$". Key chain runs through hole drilled in one end of the magnifier, attaches it to your handbag. Magnifier slips into brown stitched leather case to protect surface from scratching. *Plastic Magnifier Reader*, $1, ppd. Magnifier Company, 576 S. Falmouth Dr., Cleveland 16, Ohio.

Move plants indoors to a "RYCO" window flower shelf

● Flowers and plants are handy to the sun, handy to care for, on a decorative, white enameled "RYCO" shelf. Fits any standard wood window frame 25" or more wide. Narrow metal flange fits over the sill and legs serve as sturdy braces. Raise and lower window as usual. With this beautiful modern shelf there's no need for heavy wooden flower boxes. It may also be used outside simply by attaching with screws. "RYCO" Window Flower Shelves add beauty to any room in your home. Order several!

$1.98 *Each, postpaid anywhere in Continental U. S. A. Money Orders and Checks Accepted. No. C. O. D.*

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Muncie, Indiana

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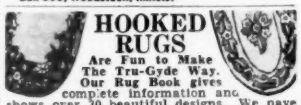
Now create many lovely and unusual things like the distinctive pansy coaster shown—made by embedding real pansies in Castolite—the "magic" liquid casting plastic. Comes crystal clear, or may be dyed to produce gorgeous color effects. Make really different jewelry, book ends, picture frames, candle sticks, figurines. Embed real flowers, butterflies, coins, medals, photos, for novel plaques, paper weights, tiles, other art objects. Use only home utensils. Follow simple step by step method. New pleasure, fine profits are possible. Send 25c for exciting new Home Project Manual showing how to get started. Write today. The Castolite Company, Dept. L-23 Box 391, Woodstock, Illinois.

25¢



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Are Fun to Make The Tru-Gyde Way. Our Rug Book gives complete information and shows over 30 beautiful designs. We have burlap patterns for these at reasonable prices. Our Book tells the amount of yarn or rags needed for all parts of each pattern. Rug Yarn samples with each book. Send for Your Copy Today. Only 25c (no stamps). WILSON BROS. Dept. BH. Springfield, Mo.

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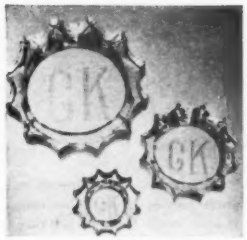
WITHOUT NEEDLE and THREAD

NEW PLASTIC TAPE! Mends without sewing, as you iron! Quickly, easily, mends holes, tears, snags, worn spots in shirts, blouses, coats, dresses, trousers, underwear, hosiery, bedsheets, towels, tablecloths, etc. Mends are smooth and neat. No lumps. Will not come off; stands washing, dry-cleaning. Save many hours of tedious mending & darning. Save money! Sells like wildfire!

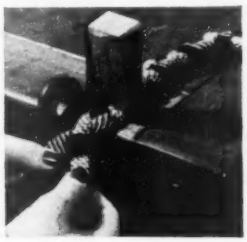
SAMPLES for AGENTS Sample offer sent immediately to all who send name at once. A penny postal will do. Send no money, just your name.

KRISTEE CO., 1358 Bar St., Akron, Ohio



A nest of ash trays should serve your smoking needs during a frivolous weekend or just for quiet sitting and smoke-dreaming alone. Of massive glass, distinctly cut, the largest tray is 8½" across; all are 2" deep, with your monogram hand-cut in frosty white at the bottom. Set of three as shown, $5; large tray, $3; set of 4 small, $3. State monogram when ordering. Archley Products, 55 W. 45th St., New York 19, New York.

If you've ever braided a rug, you know how important it is to keep the braid taut to make the work go quickly and smoothly. From New England, which gave us handmade rugs as a national heritage, comes a holder that clamps onto a table edge and holds the braid firmly under a serrated wood block. Takes just a push or pull to remove and replace the braid as it grows. *Braid Holder*, $1, ppd. The Country Craft Shop, Middlefield, Massachusetts.



Designed to fit a lady's purse, the neat pocket lighter serves any smoker. Shaped like a lipstick case, the lighter springs into action when the ends of the case are pressed toward each other. The flame comes from the side of the case, easily sheltered by the hand in a breeze. Metal case in red, green, blue, brown, black, or gold, the *Spar Lighter* is $4.50, ppd. Spar Products, 135 S. La Salle St., Chicago 3, Illinois.

Drip candles are made just for the purpose of melting down the sides of bottles. A single candle cascades rainbow colors of pink, blue, red, and yellow which drip over the side in decorative patterns. The ten-inch ivory taper looks like an ordinary candle. But when you light it, the wax melts into drips of varied colors. With ordinary candles it takes weeks to "drip" a bottle, but three of these drippers will cover a bottle in an hour. Box of three *Color Drip Candles*, $1, ppd. Miles Kimball Co., 25 Algoma Blvd., Oshkosh, Wisconsin.

NEW SENSATIONAL (ORIGINAL) "RODLESS CURTAIN"

Nationally Advertised — WINDO-TREAT* Elastic Action! Will allow ruffling to s-t-r-e-t-c-h to fit any size or shape window. **SINGLE, DOUBLE** & miniature. No rods, no sewing, no measuring, easy to launder and iron . . . Ready to hang, complete with hardware and simple directions . . . Versatile! FOR EVERY ROOM in the house! Swell over venetian blinds, curtains, or as shown in illustration. Because we maintain the highest standards of quality and workmanship we unconditionally guarantee our product.

1. PLASTIC (Looks like Chintz) (Solid Colors— 4 gauge vinyl) Cherry Red, Rosedust, Kelly Green, White, Blue, Gold, Wine **$2.25**
2. GINGHAM CHECK PERCALE (Combed yarns—high count) Red, Blue, Green **$3.25**
3. POLKA DOT PERCALE (White Ground) Red, Blue, Green **$3.25**
4. White Permanent Finish Organdy (Colored Center Bands—Extra fine sheer quality) Red, Blue, Green, Rose, Gold, Wine, White . . . **$3.25**
5. EVERGLAZED CHINTZ (Solid Colors—Special Finish) Cherry Red, White, Kelly Green, Blue, Gold, Wine, Rosedust **$4.25**

Note: One Windo-Treat will S-T-R-E-T-C-H up to 24 feet. Do not be misled by imitations. THIS IS THE ORIGINAL WINDO-TREAT*—RODLESS CURTAIN**!! *Trademark

Enclose Check or Money Order. We pay Postage . . . C.O.D's you pay postage. Money Back within 10 days if not satisfied.

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for . . . TROUSERS SKIRTS, SLACKS

$1.50 each
2 for $2.75
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Holds 5 trousers or 5 skirts. Strong all metal construction. Garments held securely—saves money, time and space. Just slip trousers or skirts on and off plated spring steel clips with ease—will not mark garments. Keeps bedrooms neat and tidy.

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Deluxe quality—all steel. Holds 6 pairs men's shoes or 8 pairs of women's shoes. 27" long—13" high. Steel cross rods are finished in light green lustre enamel—channel steel legs finished in dark green lustre enamel. Easily erected—shipped unassembled. A gift (if you can part with it).

Order Today—money returned if not 100% satisfactory. Send check or money order for full amount and we prepay postage. C.O.D.'s—postage extra.

WILBAR MFG. CO.
Dept. G Chesterton, Indiana

SADDLE-STITCHED SKUFFS

$2.65 Postpaid

You slide right into real comfort when you slip into Skuffs. Wander around the house in these easy-going solid leather slippers with stitched-on soles . . . so light-weight, so sturdy, so smart-looking. Skuffs take little space, weigh only ten ounces . . . pack flat when traveling. Tan, blue or wine. Men or women's sizes—4 to 13.

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Send for this book of FIREPLACE DESIGNS
36 pages, 11" x 8½"

It tells you how to build your new or remodel your present fireplace to save fuel; increase heat delivery; eliminate smoke troubles; heat and circulate air uniformly thruout room and adjoining rooms.

Send 50c to cover cost of handling and mailing.

SUPERIOR FIREPLACE COMPANY
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COLORFUL TILE FLOWER POT STANDS

GIFT FEATURE!

Inspired gift & prize idea! Set of 2 protects table or window sill from water and dirt. Pompeian green wrought iron base with colorful glazed tile center. 5" in diameter. Two in gift box for . . . . . $1.39 PAIR

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Old Masters, Moderns, Contemporaries, Primitives

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32"x17" $16.20 Bal a' Bougival by RENOIR

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PAINT A TRAY LIKE THIS

Paint a handsome Early American tray (ordinarily retailing for about $37.00) with Jane Zook patterns. Portfolio contains 5 different tracing patterns and borders, drawn for 5 different tray sizes, with complete instructions for painting.
5 EARLY AMERICAN TRAY PATTERNS (Folder T-100) . . . . . $1.25 postpaid

Also
50 PENNSYLVANIA DUTCH PATTERNS (Folder D-200) . . . . . $1.25 postpaid
(Catalog of tinware and materials included with every order) Sorry, no C.O.D.'s

Jane Zook Decorating Studios
459-B State Street, Lancaster, Pa.

STOP YOUR SILVER FROM TARNISHING

Silvobrite Anti-Tarnish Tissue. Just wrap your fine flatware or large silver pieces in this tarnish repellent tissue. Saves needless hours of polishing. Women use it to protect metallic shoes, handbags, ornaments, cloth and heirloom linens from yellowing. *Silvobrite*, a box of 8 dozen sheets, 4 assorted sizes, some 24" x 36" is only $2.00. Ask your store or plus 25c postage from A. Rosmarin, 1413 E. 14th St., Bklyn 30, N.Y.

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FOR EVERY HOUSEHOLD CLEANING PURPOSE

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GLASSCRAFT, 920-H, Chicago Ave., Evanston, Ill.

SACHET PETALS

MORE SCENTS FOR YOUR DOLLAR!

Here is the gift unique—35 dainty petals impregnated with perfumes that last amazingly long. SACHET PETALS keep belongings delightfully scented. Packed in gift-style cosmetic jar that keeps fragrance sealed in. Order a jar for yourself, several as gifts. No C.O.D.'s, please.

Jar. $1.00 postpaid

Send for your FREE copy of our new CHRISTMAS GIFT CATALOG

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Rug Material—100% Wool

● WOOL BLANKET PIECES in 10 bright colors suitable for all types of rugs. ● Prices: 55¢ per pound, 25 pounds or over. Less than 25 pounds, 65¢ per pound. For only 10¢ per pound extra we will cut the material into 1½ inch, 1 inch, ⅝ inch, or ¼ inch strips. ● Prices f. o. b. Bloomfield. FREE SAMPLES sent upon request.

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DEPT. BH-18 BLOOMFIELD, INDIANA

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Make beautiful things of leather, shells, copper, sequins, wood, clay, plastics. Do fabric painting, stenciling, carving and etching. Our fully illustrated 48-page catalog shows hundreds of craft ideas for the entire family to enjoy. Send dime for your copy today.

BEAVER CRAFTS Inc. Dept. 236
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THE MAN NEXT DOOR

The father down the street, who was quarterback at Princeton 20 years ago, has just found out why he can't pass a football so far as his high-school son can. "Since my day," he admits, "they have decreased the football's girth, and just the reverse has happened to me."

+ + +

Most flattering words in the English language! "Daddy, fix it!"

+ + +

Autumn colors are still my favorite. The tints of spring are pretty, but fragile; summer's hues are too lush; and winter's, too stark. But the reds, browns, yellows, and greens that belong to autumn have both strength and beauty. They soften the inevitable barrenness of approaching winter with a reminder of spring past and spring to come. It is a wonderful, mature season, both in nature and in life.

+ + +

Bill Jackson and I were talking about going bear hunting in Canada. Our wives scoffed at the idea of us roughing it in the north woods, pointing out we hated to walk three blocks to the store in bad weather. We tried to explain the difference, but there are some things even the best wives will never understand.

+ + +

There is no substitute for imagination. A local contractor who is sold on picture windows is building two new houses, one directly across the street from the other. I hope the families who buy the houses are friends, because they're going to see a good deal of one another.

+ + +

Busy as they are, most women write reams of letters, notes, and greetings. But most men find that correspondence without a purpose is as hard to keep up as pants without a belt.

We rejoice as we see our children grow older and more independent. The time is not far off when they will leave home, but they will not be lost to us. It is only when they return as adults and parents that they will begin to understand us. Only then, when they belong to their own children, will they be completely ours.

+ + +

In planning a modern, streamlined kitchen it is my observation that the first thing to put in it is a good cook.

+ + +

We saw our school team lose its big football game. I also saw some of the most sophisticated young ladies in the neighborhood sobbing openly over the defeat. As long as a touchdown means that much to the young, our way of life is safe for at least another generation.

+ + +

One way to find out if you aren't handling your children properly: Ask them.

+ + +

Our teen-ager begins to grow up. She has reached the stage now where she occasionally dresses like a girl instead of a blase, middle-aged woman.

+ + +

There are limits even to a preacher's optimism. Ours told me, quite privately, the other day, "I sometimes think God punishes some people by giving them what they ask for."

+ + +

I never yearn for a bigger piece of land in the summer, when there are weeds to cut and a lawn to be mowed. But come fall, I'm always a sucker for the vacant lot next door. Fortunately, the man who owns it is still asking what it's worth. ➜

I used to like to pad around the house in bare feet, but when Junior hung a bulletin board in the hall and Janie took to putting up her hair in pin curls I had to go back to slippers. The combined hazard of thumbtacks and bobby pins was just too much.

+ + +

Things I should like to remember always: The ineffable fragrance of strong-smelling wet plaster and fresh paint in our first new house. . . . The droopy and sweaty dandelion our first-born brought to commemorate my birthday. . . . The funny little chuckle my wife gave when she surprised me with a strawberry shortcake once when I came home almost ready to pass out from a hard day's work.

+ + +

My son isn't old enough to drive, but he has reached the age where he is humiliated whenever we are passed by another car.

+ + +

I know a lady who thought her husband was the most wonderful man in the world at the time they were married. Today, 32 years later, she still thinks so. Yet there hasn't been a day through all those years that she hasn't tried to change his ways.

+ + +

You wouldn't swap your home and family for anything else in the world when—

She says that receding hair makes you look distinguished. . . . Junior describes the new girl in town, with whom he is trying to wangle a date, as being "almost as pretty as Mom." . . . She pauses while leafing through a magazine and reads a sweetly sentimental love poem to you. . . . You overhear teen-age Janie quoting your paternal advice, approvingly, to her best girl friend. . . . You put on a yellow necktie, and your wife says she likes color on you instead of telling you, truthfully, that it's pretty loud. . . . She remembers the anniversary of your first date and wants to celebrate by having dinner at a quiet little country inn, so you can drive home together and remember.

Now save time and work with this Home Clean-up Team

THE SENSATIONAL WAX-LIKE CLEANER THAT COSTS YOU LESS

QUICK! Wipe on—wipe off. Windows, all glass surfaces sparkle as never before.

Try it just once and you'll agree GLASS GLOSS is the most amazing cleaner you've ever used. It cleans glass, silver, dozens of things *faster, easier, better* than you ever dreamed possible.

Developed and backed by Bon Ami, GLASS GLOSS had to be better—had to be the *finest!* You'll agree it *is* just that when you see it in action. Magically, speedily, it wipes away dirt, tarnish, discoloration. No streaks! No smears! *No hazy after-cloudiness!*

And you'll save money! For GLASS GLOSS costs you less, much less. Ask your grocer for it today!

EASY! Removes tarnish safely, without hard rubbing. And the lasting polish *protects!*

THE HOUSEHOLD CLEANSER THAT'S FAST, EASY, SAFE

Ever cleaned your bathtub and sink with Bon Ami? If not, you're in for a happy surprise. No scratchy grit to dull the fine surface, to make your cleaning harder. No harsh caustics to make your hands red and rough.

Instead, fine white Bon Ami gets dirt and grime fast—without extra rubbing and scrubbing. *And it polishes as it cleans*—leaves porcelain and enamel sparkling as well as spotless!

Try Bon Ami on your bathtubs and sink. See why so many women prefer this famous cleanser that *"hasn't scratched yet."*

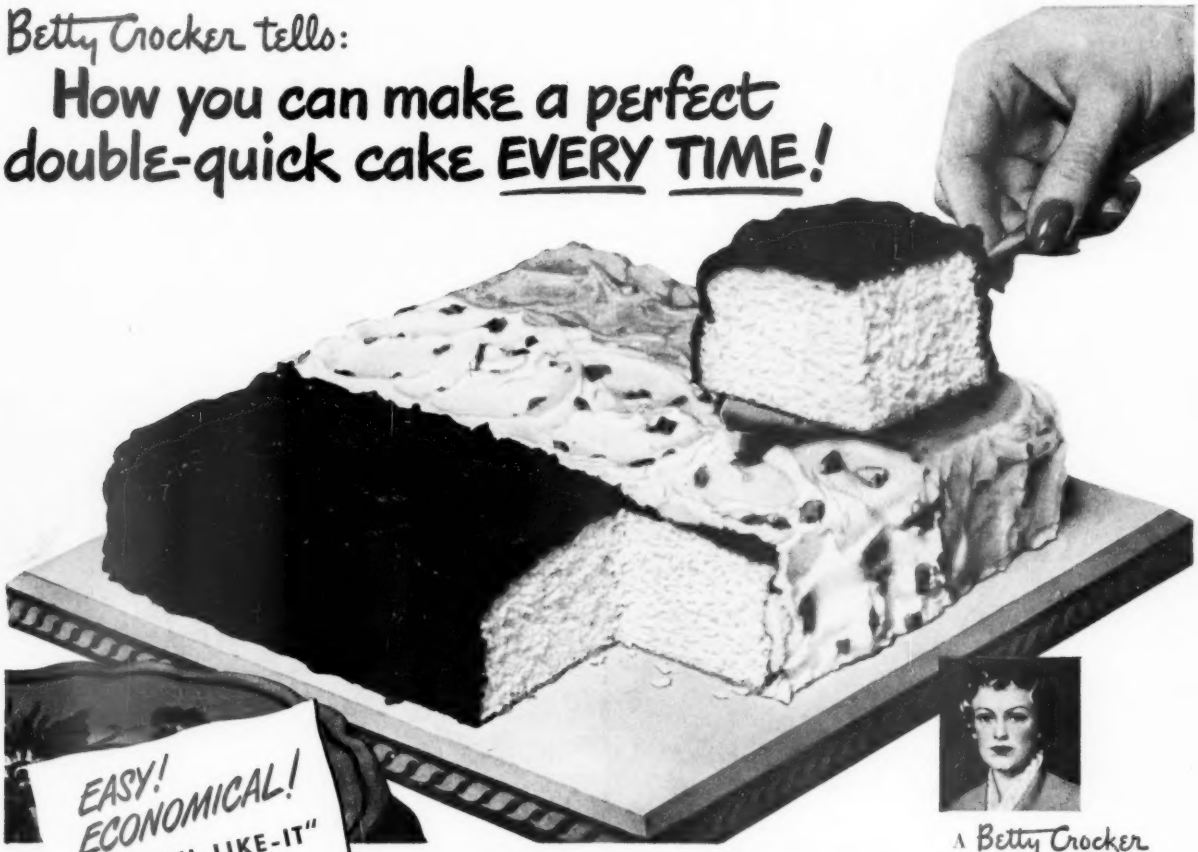
GRIT-FREE! No scratches to mar your sink or tub—no red, rough hands for you!

TWO JOBS at once! Bon Ami polishes *as it cleans.* Banishes grease and grime fast...leaves surfaces sparkling.

Use this BON AMI Team to keep your home clean

Betty Crocker tells:

How you can make a perfect double-quick cake EVERY TIME!



EASY! ECONOMICAL! "AS-YOU-LIKE-IT" CAKE

Uses only 1 egg. Three-Way Icing lets folks choose their favorite flavor!

FOR SUCCESS *do these first:*

1. Have *all* ingredients room temperature.
2. Preheat oven to 350° (moderate).
3. Grease *generously* and dust with flour one square pan, 9x9x2-in.
4. Measure *level* for accuracy with standard measuring cups and spoons.
5. *Sift* GOLD MEDAL *"Kitchen-tested"* Enriched Flour, then spoon *lightly* into cup and level off. *Do not pack.*

Sift together into bowl:
- **1⅔ cups (1¼ cups plus 2 tbsp.) *sifted* GOLD MEDAL *"Kitchen-tested"* Enriched Flour**
- **1 cup sugar**
- ***2 tsp. double-action baking powder**
- ***½ tsp. salt**

Add.....
- **†⅓ cup high grade shortening**
- **⅔ cup milk**
- **1 tsp. flavoring**

Beat vigorously with spoon for 2 minutes by clock (about 150 strokes per minute). You may rest a moment when beating by hand; just count actual beating time or strokes. *Or* mix with electric mixer on *medium speed* for 2 minutes. Scrape sides and bottom of bowl constantly.

Add.....**¼ to ⅓ cup unbeaten egg (1 large)**

Continue beating 2 more minutes, scraping bowl constantly. Pour batter into prepared pan. Bake *30 to 35 minutes* in *moderate oven* (350°). When cake is cool, frost as directed with 3-Way Icing (*recipe at right*).

*If you use Gold Medal Self-Rising Flour (sold in parts of the South) omit baking powder and salt.

†Such as Crisco, Spry, Swift'ning or Snowdrift.

3-WAY ICING

Mix together until smooth *3 cups sifted confectioners' sugar, 4 tbsp. cream* and *½ tsp. vanilla.* If necessary, a little more cream may be added for right consistency to spread on cake. Divide into 3 parts. To first part, add *1 sq. unsweetened chocolate (1 oz.), melted.* To second part, add *grated rind of 1 orange, plus a few drops of orange food coloring.* Leave third part plain. Mark cake in thirds, and frost each third with one of the icings. Sprinkle chopped nuts over section frosted with the plain icing.

If you live at an altitude over 3,000 ft., write Betty Crocker, General Mills, Minneapolis 1, Minnesota, for recipe adjustments. Specify recipe wanted.

A Betty Crocker Cake Baking Secret you should know!

The secret of baking a light, delicious cake is a two-way secret. It's Gold Medal *"Kitchen-tested"* Enriched Flour—and the recipes we develop to take full advantage of Gold Medal's *uniformly superb* baking qualities.

From sack to sack, the superior baking quality of Gold Medal never varies. You can depend on every cupful. Gold Medal Flour and Betty Crocker recipes give you *double* assurance of success with *everything* you bake.

The Gold Medal Flour in this recipe costs about 5¢. Yet if you substitute a less uniform flour, and your baking fails, you'll have wasted ingredients costing many times as much.

No wonder good cooks rely on Gold Medal Flour. No wonder it is America's favorite all-purpose flour by a score of nearly 2 to 1 . . . the *only* flour you need for *everything* you bake.

General Mills

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GOLD MEDAL *"Kitchen-tested"* FLOUR COMES IN SIX CONVENIENT SIZES

AVOID COSTLY BAKING FAILURES...USE GOLD MEDAL *"Kitchen-tested"* FLOUR AND BETTY CROCKER RECIPES